

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014576.D
 Acq On : 06 Jul 2023 09:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/07/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 06 10:12:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	312651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	432671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	399757	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	221215	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	152672	49.087	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.180%
35) Dibromofluoromethane	7.710	113	149765	56.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.420%
50) Toluene-d8	10.179	98	571236	54.234	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	108.460%
62) 4-Bromofluorobenzene	12.477	95	200690	54.872	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.740%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	125608	56.711	ug/l	97
3) Chloromethane	2.107	50	187663	51.827	ug/l	99
4) Vinyl Chloride	2.247	62	230178	55.150	ug/l	98
5) Bromomethane	2.638	94	176199	54.444	ug/l	98
6) Chloroethane	2.784	64	151875	56.514	ug/l	97
7) Trichlorofluoromethane	3.113	101	278963	55.033	ug/l	98
8) Diethyl Ether	3.521	74	94384	49.175	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	166256	54.923	ug/l	96
10) Methyl Iodide	4.082	142	178100	51.559	ug/l	92
11) Tert butyl alcohol	4.948	59	134268	249.083	ug/l #	86
12) 1,1-Dichloroethene	3.863	96	154294	52.615	ug/l	86
13) Acrolein	3.723	56	99170	240.375	ug/l	98
14) Allyl chloride	4.473	41	215085	48.661	ug/l #	87
15) Acrylonitrile	5.149	53	263390	239.049	ug/l	99
16) Acetone	3.936	43	252571	260.037	ug/l #	86
17) Carbon Disulfide	4.186	76	448558	50.194	ug/l	99
18) Methyl Acetate	4.466	43	200828	45.421	ug/l #	89
19) Methyl tert-butyl Ether	5.210	73	431346	51.179	ug/l	97
20) Methylene Chloride	4.704	84	188647	54.231	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	174617	52.605	ug/l	93
22) Diisopropyl ether	6.112	45	443008	48.641	ug/l	88
23) Vinyl Acetate	6.052	43	1308209	248.269	ug/l #	92
24) 1,1-Dichloroethane	6.009	63	279341	48.857	ug/l	97
25) 2-Butanone	6.978	43	344425	239.488	ug/l	90
26) 2,2-Dichloropropane	6.972	77	246915	50.666	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	188660	50.104	ug/l	91
28) Bromochloromethane	7.326	49	115274	48.014	ug/l #	79
29) Tetrahydrofuran	7.344	42	219627	236.756	ug/l #	87
30) Chloroform	7.496	83	297428	49.868	ug/l	97
31) Cyclohexane	7.777	56	231987	47.543	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	256651	50.342	ug/l	97
36) 1,1-Dichloropropene	7.911	75	222774	54.598	ug/l	97
37) Ethyl Acetate	7.070	43	140924	50.361	ug/l #	91
38) Carbon Tetrachloride	7.893	117	240082	56.365	ug/l	99
39) Methylcyclohexane	9.179	83	274786	56.342	ug/l	93
40) Benzene	8.155	78	645033	52.224	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
 Data File : VY014576.D
 Acq On : 06 Jul 2023 09:48
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

07/07/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Jul 06 10:12:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 30 19:02:11 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	69784m	51.047	ug/l	
42) 1,2-Dichloroethane	8.234	62	193035	53.173	ug/l	94
43) Isopropyl Acetate	8.271	43	241289	50.882	ug/l #	90
44) Trichloroethene	8.935	130	188955	54.875	ug/l	94
45) 1,2-Dichloropropane	9.210	63	167347	52.815	ug/l	97
46) Dibromomethane	9.301	93	105503	54.694	ug/l	93
47) Bromodichloromethane	9.490	83	231411	54.448	ug/l	98
48) Methyl methacrylate	9.289	41	113623	52.690	ug/l #	81
49) 1,4-Dioxane	9.295	88	36272	1053.042	ug/l #	64
51) 4-Methyl-2-Pentanone	10.069	43	724012	257.889	ug/l	89
52) Toluene	10.240	92	415872	53.506	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	245577	54.033	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	273057	53.847	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	149986	53.437	ug/l	98
56) Ethyl methacrylate	10.508	69	204454	53.549	ug/l #	80
57) 1,3-Dichloropropane	10.788	76	242773	53.084	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	486642	263.095	ug/l	95
59) 2-Hexanone	10.831	43	539623	266.087	ug/l	87
60) Dibromochloromethane	10.984	129	182713	55.555	ug/l	99
61) 1,2-Dibromoethane	11.087	107	149165	54.435	ug/l	100
64) Tetrachloroethene	10.715	164	198167	55.454	ug/l	95
65) Chlorobenzene	11.514	112	464311	54.502	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	183640	56.715	ug/l	99
67) Ethyl Benzene	11.587	91	805551	55.449	ug/l	98
68) m/p-Xylenes	11.697	106	642565	111.504	ug/l	93
69) o-Xylene	12.026	106	300706	55.017	ug/l	96
70) Styrene	12.038	104	524034	55.727	ug/l	97
71) Bromoform	12.209	173	141236	57.415	ug/l	99
73) Isopropylbenzene	12.325	105	792371	54.692	ug/l	98
74) N-amyl acetate	12.142	43	226907	51.893	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.581	83	195537	52.593	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	137169m	52.841	ug/l	
77) Bromobenzene	12.605	156	215465	54.450	ug/l	91
78) n-propylbenzene	12.666	91	981057	55.512	ug/l	98
79) 2-Chlorotoluene	12.752	91	570759	56.118	ug/l	96
80) 1,3,5-Trimethylbenzene	12.813	105	699222	57.009	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	67705	50.766	ug/l	87
82) 4-Chlorotoluene	12.849	91	587752	55.161	ug/l	96
83) tert-Butylbenzene	13.075	119	597192	55.402	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	676916	55.308	ug/l	98
85) sec-Butylbenzene	13.251	105	890435	55.980	ug/l	98
86) p-Isopropyltoluene	13.367	119	758401	56.657	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	421392	54.465	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	410264	52.911	ug/l	98
89) n-Butylbenzene	13.697	91	702333	56.774	ug/l	98
90) Hexachloroethane	13.959	117	149405	56.346	ug/l	87
91) 1,2-Dichlorobenzene	13.739	146	382574	54.589	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34640	50.890	ug/l	79
93) 1,2,4-Trichlorobenzene	15.001	180	260574	57.565	ug/l	98
94) Hexachlorobutadiene	15.111	225	168611	60.607	ug/l	98
95) Naphthalene	15.233	128	524946	54.509	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	234402	56.833	ug/l	99

07/07/2023

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014576.D
Acq On : 06 Jul 2023 09:48
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 06 10:12:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070623\
Data File : VY014576.D
Acq On : 06 Jul 2023 09:48
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John
Carlone

07/07/2023
Supervised By :Mahesh
Dadoda

07/07/2023

Quant Time: Jul 06 10:12:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y063023S.M
Quant Title : SW846 8260
QLast Update : Fri Jun 30 19:02:11 2023
Response via : Initial Calibration

