

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014606.D
 Acq On : 07 Jul 2023 19:17
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Semsettin Yesilyurt 07/10/2023

Quant Time: Jul 08 03:49:11 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	309702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	456063	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	426037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	235016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	154078	50.011	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.020%			
35) Dibromofluoromethane	7.710	113	147050	52.359	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.720%			
50) Toluene-d8	10.179	98	559527	50.398	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.477	95	198490	51.487	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 102.980%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	104494	46.810	ug/l	100
3) Chloromethane	2.107	50	167960	46.827	ug/l	96
4) Vinyl Chloride	2.241	62	205321	49.663	ug/l	97
5) Bromomethane	2.631	94	160922	50.197	ug/l	98
6) Chloroethane	2.784	64	135897	51.050	ug/l	96
7) Trichlorofluoromethane	3.113	101	235552	46.912	ug/l	99
8) Diethyl Ether	3.521	74	92875	48.850	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	146866	48.980	ug/l	98
10) Methyl Iodide	4.076	142	146499	42.814	ug/l	93
11) Tert butyl alcohol	4.954	59	125480	233.813	ug/l #	83
12) 1,1-Dichloroethene	3.863	96	139122	47.893	ug/l	91
13) Acrolein	3.723	56	96121	235.192	ug/l	99
14) Allyl chloride	4.466	41	197194	45.039	ug/l	88
15) Acrylonitrile	5.155	53	250117	229.164	ug/l	99
16) Acetone	3.942	43	215756	224.249	ug/l	90
17) Carbon Disulfide	4.186	76	408423	46.138	ug/l	99
18) Methyl Acetate	4.472	43	208473	47.599	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	395240	47.342	ug/l	99
20) Methylene Chloride	4.704	84	185365	53.749	ug/l	89
21) trans-1,2-Dichloroethene	5.210	96	152158	46.276	ug/l	94
22) Diisopropyl ether	6.112	45	432208	47.907	ug/l	90
23) Vinyl Acetate	6.051	43	1246412	238.794	ug/l	96
24) 1,1-Dichloroethane	6.009	63	266547	47.063	ug/l	98
25) 2-Butanone	6.984	43	322862	226.632	ug/l	93
26) 2,2-Dichloropropane	6.972	77	189156	39.184	ug/l	93
27) cis-1,2-Dichloroethene	6.978	96	174980	46.913	ug/l	91
28) Bromochloromethane	7.332	49	121200	50.963	ug/l	86
29) Tetrahydrofuran	7.344	42	223223	242.924	ug/l #	87
30) Chloroform	7.502	83	282276	47.778	ug/l	97
31) Cyclohexane	7.783	56	210931	43.640	ug/l	93
32) 1,1,1-Trichloroethane	7.697	97	234609	46.457	ug/l	98
36) 1,1-Dichloropropene	7.911	75	203874	47.403	ug/l	97
37) Ethyl Acetate	7.070	43	142587	48.342	ug/l #	92
38) Carbon Tetrachloride	7.893	117	213304	47.509	ug/l	98
39) Methylcyclohexane	9.179	83	241904	47.056	ug/l	95
40) Benzene	8.155	78	611524	46.972	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
 Data File : VY014606.D
 Acq On : 07 Jul 2023 19:17
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/10/2023
 Supervised By : Semsettin Yesilyurt 07/10/2023

Quant Time: Jul 08 03:49:11 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	7.301	41	65607m	45.530	ug/l	
42) 1,2-Dichloroethane	8.234	62	188327	49.215	ug/l	95
43) Isopropyl Acetate	8.271	43	240162	48.047	ug/l #	90
44) Trichloroethene	8.935	130	172666	47.573	ug/l	96
45) 1,2-Dichloropropane	9.209	63	162876	48.768	ug/l	98
46) Dibromomethane	9.301	93	102822	50.570	ug/l	95
47) Bromodichloromethane	9.496	83	223025	49.783	ug/l	96
48) Methyl methacrylate	9.289	41	113589	49.972	ug/l #	80
49) 1,4-Dioxane	9.295	88	35194	969.339	ug/l #	58
51) 4-Methyl-2-Pentanone	10.069	43	732925	247.673	ug/l	89
52) Toluene	10.240	92	389979	47.601	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	226503	47.280	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	252532	47.245	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	146794	49.617	ug/l	96
56) Ethyl methacrylate	10.508	69	201912	50.170	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	237990	49.370	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	525661	269.613	ug/l	96
59) 2-Hexanone	10.831	43	537381	251.390	ug/l	88
60) Dibromochloromethane	10.983	129	174451	50.322	ug/l	100
61) 1,2-Dibromoethane	11.087	107	144201	49.924	ug/l	99
64) Tetrachloroethene	10.715	164	192539	50.555	ug/l	96
65) Chlorobenzene	11.514	112	438182	48.262	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	171640	49.739	ug/l	98
67) Ethyl Benzene	11.587	91	744895	48.111	ug/l	99
68) m/p-Xylenes	11.697	106	591545	96.319	ug/l	94
69) o-Xylene	12.026	106	281705	48.361	ug/l	96
70) Styrene	12.044	104	492673	49.160	ug/l	97
71) Bromoform	12.203	173	133051	50.751	ug/l #	99
73) Isopropylbenzene	12.325	105	729702	47.408	ug/l	99
74) N-amyl acetate	12.142	43	221315	47.642	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.581	83	191018	48.361	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	133216m	48.305	ug/l	
77) Bromobenzene	12.605	156	201588	47.952	ug/l	96
78) n-propylbenzene	12.666	91	900412	47.957	ug/l	99
79) 2-Chlorotoluene	12.751	91	516553	47.806	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	626065	48.047	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	61819	43.630	ug/l	88
82) 4-Chlorotoluene	12.849	91	534899	47.253	ug/l	95
83) tert-Butylbenzene	13.075	119	540047	47.159	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	626720	48.200	ug/l	97
85) sec-Butylbenzene	13.251	105	805140	47.645	ug/l	99
86) p-Isopropyltoluene	13.367	119	680526	47.853	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	388953	47.320	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	386223	46.886	ug/l	99
89) n-Butylbenzene	13.696	91	629329	47.885	ug/l	98
90) Hexachloroethane	13.959	117	137032	48.645	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	356179	47.839	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	34985	48.379	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	234013	48.662	ug/l	97
94) Hexachlorobutadiene	15.111	225	145777	49.322	ug/l	99
95) Naphthalene	15.233	128	501128	48.980	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	220519	50.327	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070723\
Data File : VY014606.D
Acq On : 07 Jul 2023 19:17
Operator : KP/MD
Sample : VSTDCCC050
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/10/2023
Supervised By :Semsettin Yesilyurt 07/10/2023

Quant Time: Jul 08 03:49:11 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)
----------	------	------	----------	------	-------	----------

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

