

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014690.D
 Acq On : 18 Jul 2023 10:25
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 03:59:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	253062	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	418979	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	370786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	188907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	140119	48.589	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.180%		
35) Dibromofluoromethane	7.716	113	127329	47.740	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	95.480%		
50) Toluene-d8	10.179	98	464223	47.210	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	94.420%		
62) 4-Bromofluorobenzene	12.477	95	177334	47.033	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	94.060%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	45034	21.843	ug/l	98
3) Chloromethane	2.113	50	56035	24.178	ug/l	96
4) Vinyl Chloride	2.247	62	63237	24.415	ug/l	94
5) Bromomethane	2.625	94	43198	25.237	ug/l	94
6) Chloroethane	2.778	64	39815	24.609	ug/l	95
7) Trichlorofluoromethane	3.113	101	89751	20.632	ug/l	97
8) Diethyl Ether	3.528	74	31947	19.738	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	53808	20.180	ug/l	96
10) Methyl Iodide	4.082	142	50289	19.318	ug/l	97
11) Tert butyl alcohol	4.936	59	102757	164.297	ug/l #	94
12) 1,1-Dichloroethene	3.863	96	49840	20.000	ug/l	94
13) Acrolein	3.723	56	30143	100.007	ug/l	96
14) Allyl chloride	4.473	41	80982	18.302	ug/l	97
15) Acrylonitrile	5.161	53	97613	109.366	ug/l	98
16) Acetone	3.948	43	93462	102.276	ug/l	94
17) Carbon Disulfide	4.186	76	141018	19.765	ug/l	100
18) Methyl Acetate	4.473	43	77827	22.193	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	164445	20.314	ug/l	98
20) Methylene Chloride	4.704	84	61712	18.093	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	56265	19.895	ug/l	100
22) Diisopropyl ether	6.113	45	169049	18.792	ug/l	95
23) Vinyl Acetate	6.058	43	525939	97.697	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	98944	19.223	ug/l	97
25) 2-Butanone	6.984	43	145800	109.057	ug/l	92
26) 2,2-Dichloropropane	6.978	77	95921	19.553	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	64623	19.631	ug/l	97
28) Bromochloromethane	7.332	49	48758	21.994	ug/l	94
29) Tetrahydrofuran	7.344	42	92129	111.914	ug/l	91
30) Chloroform	7.503	83	103261	19.454	ug/l	92
31) Cyclohexane	7.783	56	90428	18.890	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	96016	20.099	ug/l	98
36) 1,1-Dichloropropene	7.917	75	77742	19.491	ug/l	99
37) Ethyl Acetate	7.076	43	59363	21.617	ug/l #	94
38) Carbon Tetrachloride	7.899	117	85176	20.202	ug/l	99
39) Methylcyclohexane	9.179	83	100837	19.405	ug/l	93
40) Benzene	8.155	78	222697	19.632	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
 Data File : VY014690.D
 Acq On : 18 Jul 2023 10:25
 Operator : SY/MD
 Sample : VY0718SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0718SBS01

Quant Time: Jul 19 03:59:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/19/2023
 Supervised By : Mahesh Dadoda 07/19/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	25985m	18.396	ug/l	
42) 1,2-Dichloroethane	8.234	62	72417	20.159	ug/l	93
43) Isopropyl Acetate	8.271	43	107964	20.639	ug/l	97
44) Trichloroethene	8.941	130	63684	20.065	ug/l	99
45) 1,2-Dichloropropane	9.216	63	56438	19.053	ug/l	97
46) Dibromomethane	9.301	93	37277	20.744	ug/l	95
47) Bromodichloromethane	9.496	83	83162	19.636	ug/l	100
48) Methyl methacrylate	9.289	41	48962	20.801	ug/l	91
49) 1,4-Dioxane	9.295	88	13623	464.930	ug/l #	48
51) 4-Methyl-2-Pentanone	10.069	43	298580	108.710	ug/l	92
52) Toluene	10.240	92	142704	19.659	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	89631	19.347	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	97233	19.300	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	52167	20.841	ug/l	95
56) Ethyl methacrylate	10.508	69	77429	20.260	ug/l	90
57) 1,3-Dichloropropane	10.789	76	87100	20.174	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	201672	113.250	ug/l	94
59) 2-Hexanone	10.831	43	221972	110.822	ug/l	92
60) Dibromochloromethane	10.984	129	62228	20.276	ug/l	100
61) 1,2-Dibromoethane	11.087	107	51798	20.743	ug/l	100
64) Tetrachloroethene	10.721	164	62149	20.841	ug/l	95
65) Chlorobenzene	11.514	112	156551	19.813	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	59161	19.858	ug/l	97
67) Ethyl Benzene	11.593	91	279202	19.571	ug/l	97
68) m/p-Xylenes	11.703	106	214191	39.332	ug/l	97
69) o-Xylene	12.026	106	103711	19.553	ug/l	99
70) Styrene	12.044	104	176588	19.753	ug/l	98
71) Bromoform	12.209	173	43238	21.412	ug/l #	99
73) Isopropylbenzene	12.331	105	281743	19.048	ug/l	99
74) N-amyl acetate	12.142	43	96866	19.553	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	68699	20.367	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	50787m	21.287	ug/l	
77) Bromobenzene	12.605	156	65910	19.521	ug/l	95
78) n-propylbenzene	12.672	91	337266	18.922	ug/l	99
79) 2-Chlorotoluene	12.752	91	191454	18.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.813	105	234356	18.972	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	24454	19.845	ug/l	94
82) 4-Chlorotoluene	12.855	91	197946	18.721	ug/l	100
83) tert-Butylbenzene	13.075	119	208841	19.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	230818	19.040	ug/l	98
85) sec-Butylbenzene	13.251	105	309251	19.238	ug/l	100
86) p-Isopropyltoluene	13.367	119	254145	19.364	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	129205	19.662	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	129354	19.644	ug/l	97
89) n-Butylbenzene	13.697	91	244437	19.143	ug/l	97
90) Hexachloroethane	13.959	117	50104	18.586	ug/l	89
91) 1,2-Dichlorobenzene	13.733	146	118967	19.760	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13623	21.119	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	74988	19.621	ug/l	98
94) Hexachlorobutadiene	15.111	225	41187	19.611	ug/l	96
95) Naphthalene	15.233	128	180392	20.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	67196	19.783	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071823\
Data File : VY014690.D
Acq On : 18 Jul 2023 10:25
Operator : SY/MD
Sample : VY0718SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0718SBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 07/19/2023
Supervised By :Mahesh Dadoda 07/19/2023

Quant Time: Jul 19 03:59:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 14 02:09:50 2023
Response via : Initial Calibration

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

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

