

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015809.D
 Acq On : 08 Jul 2020 15:05
 Operator : SY/VA
 Sample : L3216-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:38 AM

Quant Time: Jul 09 06:10:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 05:52:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	198093	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	321266	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	287670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	137922	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	97753	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
35) Dibromofluoromethane	7.88	113	86682	46.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.50%	
50) Toluene-d8	10.33	98	334768	46.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.00%	
62) 4-Bromofluorobenzene	12.62	95	121538	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	5996	5.747	ug/l	98
3) Chloromethane	2.21	50	8215	5.798	ug/l	100
4) Vinyl Chloride	2.36	62	11988	5.480	ug/l	93
5) Bromomethane	2.78	94	8737	5.220	ug/l	100
6) Chloroethane	2.92	64	7751	5.250	ug/l	92
7) Trichlorofluoromethane	3.26	101	7894	5.021	ug/l	94
8) Diethyl Ether	3.68	74	5155	5.262	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.07	101	9961	5.412	ug/l	100
10) Methyl Iodide	4.27	142	13182	5.123	ug/l	100
11) Tert butyl alcohol	5.19	59	3905	34.282	ug/l	97
12) 1,1-Dichloroethene	4.04	96	9526	5.265	ug/l	98
13) Acrolein	3.90	56	3434	24.267	ug/l	87
14) Allyl chloride	4.67	41	14428	4.906	ug/l	99
15) Acrylonitrile	5.37	53	10329	26.969	ug/l	99
16) Acetone	4.13	43	11602	30.397	ug/l	99
17) Carbon Disulfide	4.38	76	26231	4.873	ug/l	95
18) Methyl Acetate	4.68	43	5226	6.017	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	13819	5.103	ug/l #	90
20) Methylene Chloride	4.92	84	25353	11.438	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	10434	4.978	ug/l	96
22) Diisopropyl ether	6.32	45	29387	4.959	ug/l	93
23) Vinyl Acetate	6.26	43	79021	22.417	ug/l	98
24) 1,1-Dichloroethane	6.22	63	18952	5.051	ug/l	97
25) 2-Butanone	7.18	43	14202	27.412	ug/l	98
26) 2,2-Dichloropropane	7.17	77	13279	5.641	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	11493	5.107	ug/l	93
28) Bromochloromethane	7.52	49	7491	5.036	ug/l	100
29) Tetrahydrofuran	7.54	42	8273	26.314	ug/l	98
30) Chloroform	7.68	83	19500	5.084	ug/l	97
31) Cyclohexane	7.96	56	21356	6.047	ug/l #	82
32) 1,1,1-Trichloroethane	7.88	97	16187	5.033	ug/l	97
36) 1,1-Dichloropropene	8.09	75	15721	4.964	ug/l	99
37) Ethyl Acetate	7.26	43	6748	5.484	ug/l	97
38) Carbon Tetrachloride	8.07	117	14584	4.759	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
 Data File : VW015809.D
 Acq On : 08 Jul 2020 15:05
 Operator : SY/VA
 Sample : L3216-02 5PPBL00
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOQ-SOIL-02-QT3-2020

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:47:38 AM

Quant Time: Jul 09 06:10:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 09 05:52:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	18043	4.828	ug/l	96
40) Benzene	8.32	78	42893	4.944	ug/l	99
41) Methacrylonitrile	7.49	41	3449	4.937	ug/l	94
42) 1,2-Dichloroethane	8.40	62	13708	5.077	ug/l	99
43) Isopropyl Acetate	8.43	43	11566	4.815	ug/l	99
44) Trichloroethene	9.10	130	11360	4.951	ug/l	98
45) 1,2-Dichloropropane	9.37	63	10494	4.921	ug/l	96
46) Dibromomethane	9.46	93	5322	4.848	ug/l	97
47) Bromodichloromethane	9.65	83	13079	4.606	ug/l	95
48) Methyl methacrylate	9.44	41	4728	4.295	ug/l	97
49) 1,4-Dioxane	9.45	88	1475	108.677	ug/l #	91
51) 4-Methyl-2-Pentanone	10.21	43	27989	23.880	ug/l	99
52) Toluene	10.39	92	27676	4.958	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	11643	4.274	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	14440	4.431	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	7543	4.955	ug/l	98
56) Ethyl methacrylate	10.65	69	7983	4.266	ug/l	99
57) 1,3-Dichloropropane	10.93	76	13222	4.907	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	22061	24.125	ug/l	100
59) 2-Hexanone	10.98	43	18187	23.251	ug/l	99
60) Dibromochloromethane	11.13	129	7468	4.248	ug/l	98
61) 1,2-Dibromoethane	11.24	107	6912	4.745	ug/l	94
64) Tetrachloroethene	10.87	164	9669	5.311	ug/l	91
65) Chlorobenzene	11.66	112	28586	5.081	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	9410	4.727	ug/l	98
67) Ethyl Benzene	11.73	91	50580	4.855	ug/l	97
68) m/p-Xylenes	11.84	106	36010	9.201	ug/l	97
69) o-Xylene	12.17	106	16395	4.590	ug/l	98
70) Styrene	12.18	104	27296	4.441	ug/l	98
71) Bromoform	12.35	173	3852	4.239	ug/l #	93
73) Isopropylbenzene	12.47	105	47519	4.891	ug/l	99
74) N-amyl acetate	12.27	43	9582	4.609	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	8404	5.205	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	4968m	4.099	ug/l	
77) Bromobenzene	12.75	156	10890	4.998	ug/l	99
78) n-propylbenzene	12.80	91	57878	4.907	ug/l	99
79) 2-Chlorotoluene	12.90	91	33582	4.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	39993	4.829	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	2022	4.264	ug/l	91
82) 4-Chlorotoluene	12.99	91	35264	5.021	ug/l	99
83) tert-Butylbenzene	13.21	119	33137	4.820	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	39785	4.811	ug/l	99
85) sec-Butylbenzene	13.39	105	49552	4.991	ug/l	98
86) p-Isopropyltoluene	13.50	119	43442	4.791	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	21891	5.012	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	21858	5.112	ug/l	93
89) n-Butylbenzene	13.83	91	41819	4.820	ug/l	98
90) Hexachloroethane	14.10	117	7840	4.771	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	19012	5.025	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	1321	5.121	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070820\
Data File : VW015809.D
Acq On : 08 Jul 2020 15:05
Operator : SY/VA
Sample : L3216-02 5PPBL00
Misc : 5.00G/5ML/MSVOA W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
LOQ-SOIL-02-QT3-2020

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:47:38 AM

Quant Time: Jul 09 06:10:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 09 05:52:03 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	11075	4.643	ug/l	98
94) Hexachlorobutadiene	15.24	225	7677	5.069	ug/l	99
95) Naphthalene	15.37	128	17496	4.388	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	9963	4.908	ug/l	98

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

