

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061305.D
 Acq On : 25 Mar 2019 16:43
 Operator : VA/AP
 Sample : K2043-08MS
 Misc : 6.18g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB441-190319-(23-25)MS

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 12:28:43 PM

Quant Time: Mar 26 07:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.06	168	696019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	1188637	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.37	117	931687	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	344005	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.46	65	316536	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
35) Dibromofluoromethane	6.93	113	499130	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
50) Toluene-d8	10.41	98	1101042	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
62) 4-Bromofluorobenzene	13.55	95	374186	43.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.59	85	344583	48.422	ug/l	99
3) Chloromethane	1.77	50	278552	50.178	ug/l	95
4) Vinyl Chloride	1.86	62	659130	126.988	ug/l	99
5) Bromomethane	2.16	94	56134	53.284	ug/l	99
6) Chloroethane	2.28	64	98201	60.139	ug/l	96
7) Trichlorofluoromethane	2.55	101	347017	45.230	ug/l	99
8) Diethyl Ether	2.88	74	133736	58.624	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.17	101	363908	46.600	ug/l	97
10) Methyl Iodide	3.33	142	604716	55.428	ug/l	96
11) Tert butyl alcohol	4.06	59	106361	332.725	ug/l	99
12) 1,1-Dichloroethene	3.14	96	336932	50.142	ug/l	99
13) Acrolein	3.05	56	69307	198.074	ug/l	95
14) Allyl chloride	3.63	41	488743	51.273	ug/l	99
15) Acrylonitrile	4.20	53	331248	294.650	ug/l	98
16) Acetone	3.23	43	456907	318.098	ug/l	95
17) Carbon Disulfide	3.40	76	1161184	52.032	ug/l	99
18) Methyl Acetate	3.65	43	147110	54.184	ug/l	94
19) Methyl tert-butyl Ether	4.25	73	668650	56.503	ug/l	100
20) Methylene Chloride	3.83	84	417012	51.152	ug/l	99
21) trans-1,2-Dichloroethene	4.23	96	437361	58.181	ug/l	95
22) Diisopropyl ether	5.14	45	1098824	54.721	ug/l	98
23) Vinyl Acetate	5.07	43	2883921	268.901	ug/l	99
24) 1,1-Dichloroethane	5.00	63	648368	55.408	ug/l	99
25) 2-Butanone	6.08	43	470306	283.084	ug/l	100
26) 2,2-Dichloropropane	6.03	77	492158	49.532	ug/l	84
27) cis-1,2-Dichloroethene	6.05	96	1880404	232.447	ug/l	93
28) Bromochloromethane	6.45	49	273874	55.917	ug/l	98
29) Tetrahydrofuran	6.47	42	234692	283.806	ug/l	99
30) Chloroform	6.67	83	647694	51.941	ug/l	99
31) Cyclohexane	6.97	56	440155	46.344	ug/l	98
32) 1,1,1-Trichloroethane	6.88	97	551640	49.950	ug/l	99
36) 1,1-Dichloropropene	7.16	75	441870	45.437	ug/l	99
37) Ethyl Acetate	6.19	43	226857	55.849	ug/l #	86
38) Carbon Tetrachloride	7.13	117	499508m	44.940	ug/l	

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
 Data File : VD061305.D
 Acq On : 25 Mar 2019 16:43
 Operator : VA/AP
 Sample : K2043-08MS
 Misc : 6.18g/5ml/MSVOA D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB441-190319-(23-25)MS

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 12:28:43 PM

Quant Time: Mar 26 07:51:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 03:31:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.87	83	331699	32.933	ug/l	98
40) Benzene	7.46	78	1243618	51.490	ug/l	100
41) Methacrylonitrile	6.45	41	259026	54.876	ug/l #	92
42) 1,2-Dichloroethane	7.59	62	378167	50.239	ug/l	98
43) Isopropyl Acetate	9.24	43	323166	55.178	ug/l #	100
44) Trichloroethene	8.54	130	453899	51.964	ug/l	97
45) 1,2-Dichloropropane	8.95	63	310806	52.139	ug/l	96
46) Dibromomethane	9.07	93	208916	51.129	ug/l	99
47) Bromodichloromethane	9.38	83	477651	49.874	ug/l	99
48) Methyl methacrylate	9.12	41	176686	56.521	ug/l	97
49) 1,4-Dioxane	9.09	88	40223	1172.733	ug/l #	95
51) 4-Methyl-2-Pentanone	10.31	43	941115	269.928	ug/l	96
52) Toluene	10.51	92	687544	46.524	ug/l	98
53) t-1,3-Dichloropropene	10.92	75	445957	53.580	ug/l	100
54) cis-1,3-Dichloropropene	10.04	75	500336	49.229	ug/l	96
55) 1,1,2-Trichloroethane	11.19	97	249315	50.815	ug/l	99
56) Ethyl methacrylate	11.04	69	288543	55.113	ug/l	95
57) 1,3-Dichloropropane	11.41	76	388510	52.431	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.86	63	736339	270.344	ug/l	99
59) 2-Hexanone	11.54	43	670722	264.873	ug/l	99
60) Dibromochloromethane	11.68	129	401397	52.234	ug/l	99
61) 1,2-Dibromoethane	11.81	107	301405	52.577	ug/l	99
64) Tetrachloroethene	11.26	164	284421	44.315	ug/l	98
65) Chlorobenzene	12.40	112	874465	50.957	ug/l	100
66) 1,1,1,2-Tetrachloroethane	12.51	131	359696	54.063	ug/l	99
67) Ethyl Benzene	12.52	91	1254678	47.774	ug/l	97
68) m/p-Xylenes	12.67	106	936928	91.392	ug/l	100
69) o-Xylene	13.05	106	487135	51.234	ug/l	100
70) Styrene	13.07	104	805779	49.935	ug/l	99
71) Bromoform	13.24	173	207060	50.857	ug/l	99
73) Isopropylbenzene	13.41	105	1170296	52.304	ug/l	99
74) N-amyl acetate	13.27	43	351471	60.041	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.70	83	276366	63.694	ug/l	97
76) 1,2,3-Trichloropropane	13.73	75	267703	62.575	ug/l	97
77) Bromobenzene	13.67	156	345936	55.350	ug/l	99
78) n-propylbenzene	13.77	91	1260119	49.919	ug/l	100
79) 2-Chlorotoluene	13.84	91	712361	48.467	ug/l	98
80) 1,3,5-Trimethylbenzene	14.24	105	891343	50.498	ug/l	100
81) trans-1,4-Dichloro-2-buten	13.48	75	80103	59.330	ug/l	98
82) 4-Chlorotoluene	13.95	91	783913	48.787	ug/l	100
83) tert-Butylbenzene	14.19	119	941272	46.705	ug/l	99
84) 1,2,4-Trimethylbenzene	14.24	105	891343	50.498	ug/l	100
85) sec-Butylbenzene	14.37	105	778104	34.668	ug/l	99
86) p-Isopropyltoluene	14.49	119	748763	37.393	ug/l	99
87) 1,3-Dichlorobenzene	14.46	146	540706	48.808	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	540472	50.364	ug/l	100
89) n-Butylbenzene	14.79	91	546938	30.765	ug/l	98
90) Hexachloroethane	15.01	117	185302	34.515	ug/l	99
91) 1,2-Dichlorobenzene	14.81	146	485534	54.927	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	15.39	75	29393	54.212	ug/l	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD032519\
Data File : VD061305.D
Acq On : 25 Mar 2019 16:43
Operator : VA/AP
Sample : K2043-08MS
Misc : 6.18g/5ml/MSVOA D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB441-190319-(23-25)MS

Manual Integrations
APPROVED

MMDadoda
3/26/2019 12:28:43 PM

Quant Time: Mar 26 07:51:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032519S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 26 03:31:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	139344	34.132	ug/l	100
94) Hexachlorobutadiene	16.04	225	52767	16.041	ug/l	100
95) Naphthalene	16.12	128	309303	51.924	ug/l	99
96) 1,2,3-Trichlorobenzene	16.27	180	62740	32.904	ug/l	96

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

