

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062412.D
 Acq On : 16 May 2019 12:45
 Operator : FY/SY
 Sample : VD0516SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 02:27:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	638663	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	876670	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.37	117	725177	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	14.52	152	400286	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.45	65	318779	53.71	ug/l	0.03
Spiked Amount	50.000		Recovery	=	107.42%	
35) Dibromofluoromethane	6.92	113	372219	51.17	ug/l	0.03
Spiked Amount	50.000		Recovery	=	102.34%	
50) Toluene-d8	10.42	98	796933	45.44	ug/l	0.02
Spiked Amount	50.000		Recovery	=	90.88%	
62) 4-Bromofluorobenzene	13.56	95	365643	51.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.57	85	110719	18.126	ug/l	94
3) Chloromethane	1.75	50	78823	17.859	ug/l	99
4) Vinyl Chloride	1.84	62	80765	18.619	ug/l	95
5) Bromomethane	2.14	94	28574	28.113	ug/l	99
6) Chloroethane	2.25	64	38980	21.416	ug/l	95
7) Trichlorofluoromethane	2.52	101	195211	23.148	ug/l	99
8) Diethyl Ether	2.87	74	23116	14.213	ug/l	53
9) 1,1,2-Trichlorotrifluoroet	3.14	101	128670	20.170	ug/l	97
10) Methyl Iodide	3.30	142	119384	12.382	ug/l #	86
11) Tert butyl alcohol	4.08	59	34199	112.883	ug/l #	95
12) 1,1-Dichloroethene	3.11	96	86901	17.845	ug/l	90
13) Acrolein	3.03	56	23187	73.997	ug/l	94
14) Allyl chloride	3.62	41	141093	19.927	ug/l #	76
15) Acrylonitrile	4.19	53	79331	99.623	ug/l #	89
16) Acetone	3.22	43	156910	126.066	ug/l #	86
17) Carbon Disulfide	3.37	76	214593	15.319	ug/l	98
18) Methyl Acetate	3.64	43	44597	19.851	ug/l	95
19) Methyl tert-butyl Ether	4.24	73	225993	21.651	ug/l	92
20) Methylene Chloride	3.81	84	104981	20.200	ug/l	90
21) trans-1,2-Dichloroethene	4.21	96	98855	18.243	ug/l	95
22) Diisopropyl ether	5.12	45	300238	19.926	ug/l	93
23) Vinyl Acetate	5.05	43	872716	109.781	ug/l #	94
24) 1,1-Dichloroethane	4.98	63	186665	20.536	ug/l	99
25) 2-Butanone	6.07	43	164759	121.357	ug/l	97
26) 2,2-Dichloropropane	6.02	77	209493	23.138	ug/l	91
27) cis-1,2-Dichloroethene	6.04	96	120022	19.788	ug/l	92
28) Bromochloromethane	6.44	49	84744	23.697	ug/l	92
29) Tetrahydrofuran	6.46	42	67176	107.388	ug/l	93
30) Chloroform	6.67	83	244795	22.347	ug/l	99
31) Cyclohexane	6.95	56	107276	17.227	ug/l	95
32) 1,1,1-Trichloroethane	6.86	97	242362	23.408	ug/l	98
36) 1,1-Dichloropropene	7.15	75	161962	22.533	ug/l	96
37) Ethyl Acetate	6.18	43	77003	25.261	ug/l	95
38) Carbon Tetrachloride	7.11	117	232942	23.414	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051619\
 Data File : VD062412.D
 Acq On : 16 May 2019 12:45
 Operator : FY/SY
 Sample : VD0516SBS01
 Misc : 5.00g/5mL/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0516SBS01

Quant Time: May 17 02:27:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.86	83	125766	18.262	ug/l	91
40) Benzene	7.45	78	298942	18.418	ug/l	99
41) Methacrylonitrile	6.46	41	90576	24.315	ug/l #	83
42) 1,2-Dichloroethane	7.58	62	159007	23.122	ug/l	92
43) Isopropyl Acetate	9.25	43	91139	21.082	ug/l	94
44) Trichloroethene	8.55	130	122265	19.768	ug/l	88
45) 1,2-Dichloropropane	8.94	63	78326	19.510	ug/l	94
46) Dibromomethane	9.07	93	73114	22.395	ug/l #	87
47) Bromodichloromethane	9.37	83	185998	23.291	ug/l	94
48) Methyl methacrylate	9.13	41	62005	23.285	ug/l #	83
49) 1,4-Dioxane	9.08	88	12440	432.980	ug/l #	79
51) 4-Methyl-2-Pentanone	10.31	43	329485	118.565	ug/l	93
52) Toluene	10.51	92	221215	20.947	ug/l	93
53) t-1,3-Dichloropropene	10.92	75	165449	23.972	ug/l	99
54) cis-1,3-Dichloropropene	10.04	75	163968	21.777	ug/l #	89
55) 1,1,2-Trichloroethane	11.19	97	83078	22.234	ug/l	95
56) Ethyl methacrylate	11.05	69	80083	20.625	ug/l #	90
57) 1,3-Dichloropropane	11.41	76	114614	20.303	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.86	63	249065	117.431	ug/l	97
59) 2-Hexanone	11.54	43	248651	121.400	ug/l	93
60) Dibromochloromethane	11.69	129	144490	22.375	ug/l	100
61) 1,2-Dibromoethane	11.80	107	89742	19.755	ug/l	99
64) Tetrachloroethene	11.26	164	111972	19.746	ug/l	94
65) Chlorobenzene	12.40	112	282803	20.938	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.51	131	123468	21.004	ug/l	95
67) Ethyl Benzene	12.52	91	472848	20.911	ug/l	95
68) m/p-Xylenes	12.67	106	336793	40.938	ug/l	83
69) o-Xylene	13.05	106	170771	22.328	ug/l	81
70) Styrene	13.07	104	288620	22.276	ug/l	95
71) Bromoform	13.24	173	84728	20.717	ug/l	98
73) Isopropylbenzene	13.41	105	531601	22.155	ug/l	97
74) N-amyl acetate	13.27	43	128444	20.418	ug/l	95
75) 1,1,2,2-Tetrachloroethane	13.70	83	93925	20.677	ug/l	96
76) 1,2,3-Trichloropropane	13.73	75	105863	22.254	ug/l	93
77) Bromobenzene	13.67	156	140845	20.969	ug/l	94
78) n-propylbenzene	13.78	91	619383	21.640	ug/l	100
79) 2-Chlorotoluene	13.84	91	337392	20.582	ug/l	87
80) 1,3,5-Trimethylbenzene	13.94	105	415218	20.550	ug/l	94
81) trans-1,4-Dichloro-2-buten	13.48	75	24988	18.607	ug/l #	72
82) 4-Chlorotoluene	13.95	91	417565	21.647	ug/l	87
83) tert-Butylbenzene	14.19	119	479994	21.135	ug/l	97
84) 1,2,4-Trimethylbenzene	14.23	105	421959	20.811	ug/l	84
85) sec-Butylbenzene	14.37	105	494920	19.876	ug/l	99
86) p-Isopropyltoluene	14.49	119	471192	21.180	ug/l	93
87) 1,3-Dichlorobenzene	14.46	146	253048	20.623	ug/l	98
88) 1,4-Dichlorobenzene	14.54	146	257037	21.320	ug/l	96
89) n-Butylbenzene	14.81	91	447718	22.422	ug/l	96
90) Hexachloroethane	15.01	117	133032	21.989	ug/l	86
91) 1,2-Dichlorobenzene	14.81	146	234633	23.219	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	15.39	75	15524	20.819	ug/l	92

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051619\
Data File : VD062412.D
Acq On : 16 May 2019 12:45
Operator : FY/SY
Sample : VD0516SBS01
Misc : 5.00g/5mL/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0516SBS01

Quant Time: May 17 02:27:21 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.95	180	174424	23.714	ug/l	96
94) Hexachlorobutadiene	16.05	225	129092	23.597	ug/l	98
95) Naphthalene	16.12	128	219206	21.347	ug/l	100
96) 1,2,3-Trichlorobenzene	16.27	180	134506	29.085	ug/l	96

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

