

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062369.D
 Acq On : 15 May 2019 3:05
 Operator : FY/SY
 Sample : K2756-19MSD
 Misc : 5.98g/5mL/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS008-0206-01MSD

Quant Time: May 15 03:32:31 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	7.07	168	27412	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	38650	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.38	117	35796	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	16956	50.00	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.47	65	25323	99.41	ug/l	0.05
Spiked Amount	50.000		Recovery	=	198.82%	
35) Dibromofluoromethane	6.94	113	20782	64.81	ug/l	0.05
Spiked Amount	50.000		Recovery	=	129.62%	
50) Toluene-d8	10.42	98	34053	44.04	ug/l	0.03
Spiked Amount	50.000		Recovery	=	88.08%	
62) 4-Bromofluorobenzene	13.56	95	15089	48.60	ug/l	0.02
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	1.59	85	10782	41.126	ug/l	98
3) Chloromethane	1.76	50	9966	52.608	ug/l	89
4) Vinyl Chloride	1.87	62	6934	37.244	ug/l #	80
5) Bromomethane	2.19	94	8178	187.464	ug/l #	91
6) Chloroethane	2.30	64	4329	55.413	ug/l	93
7) Trichlorofluoromethane	2.56	101	19859	54.866	ug/l	100
8) Diethyl Ether	2.89	74	5027	72.013	ug/l #	14
9) 1,1,2-Trichlorotrifluoroet	3.18	101	9844	35.952	ug/l #	79
10) Methyl Iodide	3.35	142	12016	29.036	ug/l	99
11) Tert butyl alcohol	4.08	59	12733	979.217	ug/l #	76
12) 1,1-Dichloroethene	3.15	96	8750	41.864	ug/l	85
14) Allyl chloride	3.64	41	16288	53.596	ug/l #	86
15) Acrylonitrile	4.22	53	25816	755.330	ug/l	96
16) Acetone	3.24	43	48422	906.400	ug/l	91
17) Carbon Disulfide	3.40	76	18870	31.384	ug/l	100
18) Methyl Acetate	3.66	43	62040	652.987	ug/l	97
19) Methyl tert-butyl Ether	4.26	73	49530	110.557	ug/l #	90
20) Methylene Chloride	3.84	84	15272	68.466	ug/l	94
21) trans-1,2-Dichloroethene	4.24	96	10049	43.206	ug/l #	76
22) Diisopropyl ether	5.14	45	45741	70.730	ug/l #	86
23) Vinyl Acetate	5.15	43	22175	64.990	ug/l #	77
24) 1,1-Dichloroethane	5.01	63	23251	59.598	ug/l #	85
25) 2-Butanone	6.08	43	49295	845.962	ug/l #	84
26) 2,2-Dichloropropane	6.05	77	17108	44.023	ug/l	89
27) cis-1,2-Dichloroethene	6.06	96	15102	58.010	ug/l	98
28) Bromochloromethane	6.46	49	16873	109.929	ug/l #	76
29) Tetrahydrofuran	6.48	42	27084	1008.757	ug/l	93
30) Chloroform	6.69	83	34093	72.511	ug/l	98
31) Cyclohexane	6.97	56	7076	26.474	ug/l	95
32) 1,1,1-Trichloroethane	6.89	97	24561	55.267	ug/l	98
36) 1,1-Dichloropropene	7.16	75	13749	43.387	ug/l	87
37) Ethyl Acetate	6.19	43	4072	30.300	ug/l #	64
38) Carbon Tetrachloride	7.14	117	20894	47.637	ug/l	93
39) Methylcyclohexane	8.89	83	4804	15.822	ug/l #	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062369.D
 Acq On : 15 May 2019 3:05
 Operator : FY/SY
 Sample : K2756-19MSD
 Misc : 5.98g/5mL/MSVOA_D/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS008-0206-01MSD

Quant Time: May 15 03:32:31 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)
40) Benzene	7.47	78	36184	50.566	ug/l	94
41) Methacrylonitrile	6.48	41	27208	165.669	ug/l #	74
42) 1,2-Dichloroethane	7.60	62	34233	112.913	ug/l	84
43) Isopropyl Acetate	9.27	43	1254	6.579	ug/l #	43
44) Trichloroethene	8.56	130	12001	44.012	ug/l	89
45) 1,2-Dichloropropane	8.96	63	9945	56.186	ug/l	92
46) Dibromomethane	9.07	93	16327	113.434	ug/l	85
47) Bromodichloromethane	9.39	83	27164	77.156	ug/l #	89
48) Methyl methacrylate	9.13	41	21715	184.968	ug/l #	79
49) 1,4-Dioxane	9.08	88	5464	4313.646	ug/l	93
51) 4-Methyl-2-Pentanone	10.31	43	95121	776.395	ug/l	91
52) Toluene	10.52	92	25884	55.594	ug/l	86
53) t-1,3-Dichloropropene	10.92	75	23331	76.675	ug/l	90
54) cis-1,3-Dichloropropene	10.05	75	21243	63.994	ug/l #	88
55) 1,1,2-Trichloroethane	11.20	97	17521	106.358	ug/l	93
56) Ethyl methacrylate	11.05	69	593	3.464	ug/l #	78
57) 1,3-Dichloropropane	11.42	76	22870	91.894	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.87	63	60044	642.133	ug/l	98
59) 2-Hexanone	11.54	43	67121	743.318	ug/l	94
60) Dibromochloromethane	11.69	129	24244	85.157	ug/l	87
61) 1,2-Dibromoethane	11.82	107	19803	98.877	ug/l	95
64) Tetrachloroethene	11.27	164	8915	31.849	ug/l	90
65) Chlorobenzene	12.41	112	25545	38.315	ug/l	94
66) 1,1,1,2-Tetrachloroethane	12.52	131	15837	54.580	ug/l	86
67) Ethyl Benzene	12.53	91	44938	40.261	ug/l #	89
68) m/p-Xylenes	12.68	106	30294	74.599	ug/l #	61
69) o-Xylene	13.06	106	15841	41.959	ug/l	72
70) Styrene	13.08	104	31400	49.097	ug/l #	90
71) Bromoform	13.25	173	16466	81.565	ug/l #	95
73) Isopropylbenzene	13.41	105	41468	40.799	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.71	83	21717	112.865	ug/l	90
76) 1,2,3-Trichloropropane	13.74	75	25286	125.483	ug/l	95
77) Bromobenzene	13.68	156	16486	57.942	ug/l	94
78) n-propylbenzene	13.78	91	41221	33.998	ug/l	98
79) 2-Chlorotoluene	13.85	91	31488	45.346	ug/l	78
80) 1,3,5-Trimethylbenzene	13.94	105	33264	38.865	ug/l	81
81) trans-1,4-Dichloro-2-buten	13.48	75	4735	83.235	ug/l #	78
82) 4-Chlorotoluene	13.95	91	34043	41.662	ug/l	86
83) tert-Butylbenzene	14.20	119	32560	33.846	ug/l	96
84) 1,2,4-Trimethylbenzene	14.24	105	34113	39.718	ug/l	81
85) sec-Butylbenzene	14.37	105	27377	25.956	ug/l	86
86) p-Isopropyltoluene	14.50	119	24097	25.571	ug/l	93
87) 1,3-Dichlorobenzene	14.46	146	19625	37.758	ug/l	100
88) 1,4-Dichlorobenzene	14.55	146	19270	37.732	ug/l	91
89) n-Butylbenzene	14.80	91	17481	20.667	ug/l	88
90) Hexachloroethane	15.02	117	5990	23.374	ug/l #	52
91) 1,2-Dichlorobenzene	14.81	146	18868	44.078	ug/l	87
92) 1,2-Dibromo-3-Chloropropan	15.38	75	4653	147.315	ug/l	50
93) 1,2,4-Trichlorobenzene	15.95	180	7694	24.695	ug/l	92
94) Hexachlorobutadiene	16.04	225	2703	11.664	ug/l	78

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062369.D
Acq On : 15 May 2019 3:05
Operator : FY/SY
Sample : K2756-19MSD
Misc : 5.98g/5mL/MSVOA_D/SOIL
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P021-SS008-0206-01MSD

Quant Time: May 15 03:32:31 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)
95) Naphthalene	16.13	128	24935	57.324	ug/l	98
96) 1,2,3-Trichlorobenzene	16.28	180	6025	30.756	ug/l	96

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

