

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064624.D
 Acq On : 27 Dec 2019 04:27
 Operator : VA/SY
 Sample : K6439-04
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF001-02

Quant Time: Dec 27 05:05:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	8778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	13089	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5728	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	5989	77.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.74%	
35) Dibromofluoromethane	7.93	113	4523	56.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.64%	
50) Toluene-d8	10.34	98	14045	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
62) 4-Bromofluorobenzene	12.64	95	4749	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds					Qvalue
3) Chloromethane	2.20	50	803	8.417 ug/l #	75
4) Vinyl Chloride	2.35	62	322	2.768 ug/l #	84
5) Bromomethane	2.80	94	999	11.811 ug/l	82
7) Trichlorofluoromethane	3.29	101	345	1.761 ug/l #	81
8) Diethyl Ether	3.67	74	59	1.517 ug/l #	2
10) Methyl Iodide	4.31	142	648	7.437 ug/l #	75
12) 1,1-Dichloroethene	4.09	96	319	4.131 ug/l #	62
13) Acrolein	3.80	56	73	11.808 ug/l #	14
14) Allyl chloride	4.71	41	123	1.022 ug/l #	59
15) Acrylonitrile	5.43	53	59	3.642 ug/l #	1
16) Acetone	4.16	43	159	12.786 ug/l #	42
17) Carbon Disulfide	4.42	76	951	3.808 ug/l #	75
18) Methyl Acetate	4.72	43	129	2.960 ug/l #	51
20) Methylene Chloride	4.95	84	56	Below Cal #	7
21) trans-1,2-Dichloroethene	5.47	96	112	1.273 ug/l #	1
22) Diisopropyl ether	6.36	45	258	1.074 ug/l #	45
23) Vinyl Acetate	6.36	43	186	1.365 ug/l #	72
24) 1,1-Dichloroethane	6.27	63	205	1.422 ug/l #	80
25) 2-Butanone	7.22	43	76	3.572 ug/l #	49
27) cis-1,2-Dichloroethene	7.21	96	223	2.349 ug/l	78
28) Bromochloromethane	7.70	49	58	1.035 ug/l #	11
29) Tetrahydrofuran	7.58	42	182	13.755 ug/l #	33
30) Chloroform	7.73	83	496	3.279 ug/l #	18
31) Cyclohexane	7.98	56	626	4.338 ug/l #	19
36) 1,1-Dichloropropene	8.12	75	731	5.802 ug/l #	60
37) Ethyl Acetate	7.30	43	74	1.495 ug/l #	70
38) Carbon Tetrachloride	7.98	117	319	2.375 ug/l #	12
39) Methylcyclohexane	9.35	83	956	6.265 ug/l #	38
40) Benzene	8.36	78	1154	3.355 ug/l #	50
41) Methacrylonitrile	7.53	41	79	2.751 ug/l #	41
42) 1,2-Dichloroethane	8.44	62	126	1.268 ug/l #	73
44) Trichloroethene	9.11	130	453	4.484 ug/l	81
48) Methyl methacrylate	9.44	41	113	2.436 ug/l #	15
51) 4-Methyl-2-Pentanone	10.24	43	217	4.457 ug/l #	37

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064624.D
 Acq On : 27 Dec 2019 04:27
 Operator : VA/SY
 Sample : K6439-04
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF001-02

Quant Time: Dec 27 05:05:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

52) Toluene	10.41	92	689	3.054	ug/l	96
59) 2-Hexanone	10.98	43	132	3.994	ug/l #	26
60) Dibromochloromethane	10.87	129	525	6.153	ug/l #	11
64) Tetrachloroethene	10.87	164	732	7.943	ug/l	94
65) Chlorobenzene	11.67	112	858	3.442	ug/l	96
67) Ethyl Benzene	11.74	91	1099	2.429	ug/l #	82
68) m/p-Xylenes	11.85	106	1038	5.943	ug/l	90
69) o-Xylene	12.18	106	309	1.959	ug/l	58
70) Styrene	12.20	104	588	2.123	ug/l #	65
73) Isopropylbenzene	12.48	105	1424	3.479	ug/l #	60
74) N-amyl acetate	12.30	43	118	1.349	ug/l #	43
76) 1,2,3-Trichloropropane	12.64	75	3075	67.983	ug/l #	100
78) n-propylbenzene	12.83	91	1514	3.170	ug/l	85
79) 2-Chlorotoluene	12.91	91	658	2.508	ug/l	75
80) 1,3,5-Trimethylbenzene	12.97	105	886	2.635	ug/l #	52
81) trans-1,4-Dichloro-2-buten	12.64	75	3075	142.185	ug/l #	10
82) 4-Chlorotoluene	12.91	91	658	2.357	ug/l	75
83) tert-Butylbenzene	13.23	119	496	1.699	ug/l #	83
84) 1,2,4-Trimethylbenzene	13.27	105	704	2.102	ug/l	87
85) sec-Butylbenzene	13.41	105	1050	2.623	ug/l	95
86) p-Isopropyltoluene	13.53	119	985	2.574	ug/l	95
87) 1,3-Dichlorobenzene	13.60	146	583	3.041	ug/l	78
88) 1,4-Dichlorobenzene	13.60	146	583	3.095	ug/l #	76
89) n-Butylbenzene	13.85	91	1051	3.050	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	488	2.985	ug/l #	62
92) 1,2-Dibromo-3-Chloropropan	14.49	75	69	6.619	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.16	180	424	3.522	ug/l #	64
94) Hexachlorobutadiene	15.27	225	83	1.096	ug/l #	1
95) Naphthalene	15.40	128	1504	7.897	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.60	180	665	6.471	ug/l	85

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD122619\
 Data File : VD064624.D
 Acq On : 27 Dec 2019 04:27
 Operator : VA/SY
 Sample : K6439-04
 Misc : 5.22G/5.00ml/MSVOA D/SOIL
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LIED-BF001-02

Quant Time: Dec 27 05:05:48 2019
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

