

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061358.D
 Acq On : 27 Mar 2019 17:29
 Operator : VA/AP
 Sample : K2047-03RE
 Misc : 6.25g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB431-190320-(21-23)RE

Quant Time: Mar 28 04:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.02	168	635613	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.19	114	1102564	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	891879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.50	152	412911	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	268293	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	
35) Dibromofluoromethane	6.89	113	392101	46.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.08%	
50) Toluene-d8	10.38	98	779809	38.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.18%	
62) 4-Bromofluorobenzene	13.54	95	352827	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	20583	3.032	ug/l	97
3) Chloromethane	1.76	50	14679	2.652	ug/l	94
4) Vinyl Chloride	1.84	62	15709	3.090	ug/l	98
5) Bromomethane	2.15	94	5743	5.698	ug/l	88
6) Chloroethane	2.27	64	4331	2.905	ug/l	94
7) Trichlorofluoromethane	2.53	101	19268	2.607	ug/l	93
8) Diethyl Ether	2.86	74	6548	2.751	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	3.14	101	21342	2.686	ug/l	95
10) Methyl Iodide	3.30	142	21506	5.123	ug/l #	94
11) Tert butyl alcohol	4.04	59	4443	13.139	ug/l #	76
12) 1,1-Dichloroethene	3.11	96	18843	2.762	ug/l	95
13) Acrolein	3.02	56	2142	Below Cal		100
14) Allyl chloride	3.61	41	23022	2.419	ug/l	91
15) Acrylonitrile	4.17	53	17480	14.894	ug/l	95
16) Acetone	3.20	43	34573	24.770	ug/l	99
17) Carbon Disulfide	3.37	76	66495	3.000	ug/l	98
18) Methyl Acetate	3.63	43	10865	3.702	ug/l	99
19) Methyl tert-butyl Ether	4.22	73	28774	2.436	ug/l	98
20) Methylene Chloride	3.80	84	71437	7.504	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	20101	2.729	ug/l	95
22) Diisopropyl ether	5.09	45	46322	2.300	ug/l	99
23) Vinyl Acetate	5.02	43	113445	10.371	ug/l	99
24) 1,1-Dichloroethane	4.97	63	27602	2.332	ug/l #	86
25) 2-Butanone	6.04	43	27607	15.724	ug/l	94
26) 2,2-Dichloropropane	6.00	77	21424	2.277	ug/l	98
27) cis-1,2-Dichloroethene	6.01	96	23011	2.851	ug/l	96
28) Bromochloromethane	6.40	49	9567	2.003	ug/l #	80
29) Tetrahydrofuran	6.43	42	12573	14.774	ug/l	97
30) Chloroform	6.64	83	28886	2.362	ug/l	87
31) Cyclohexane	6.93	56	25628	2.740	ug/l	92
32) 1,1,1-Trichloroethane	6.85	97	27343	2.535	ug/l	87
36) 1,1-Dichloropropene	7.12	75	26634	2.768	ug/l	98
37) Ethyl Acetate	6.16	43	11554	2.807	ug/l #	90
38) Carbon Tetrachloride	7.08	117	25355	2.314	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061358.D
 Acq On : 27 Mar 2019 17:29
 Operator : VA/AP
 Sample : K2047-03RE
 Misc : 6.25g/5ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WP022SB431-190320-(21-23)RE

Quant Time: Mar 28 04:11:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 02:13:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.83	83	26317	2.626	ug/l	93
40) Benzene	7.43	78	62122	2.572	ug/l	95
41) Methacrylonitrile	6.41	41	13067	2.716	ug/l	94
42) 1,2-Dichloroethane	7.55	62	16642	2.304	ug/l	97
43) Isopropyl Acetate	9.21	43	13598	2.271	ug/l	94
44) Trichloroethene	8.52	130	21278	2.367	ug/l	84
45) 1,2-Dichloropropane	8.91	63	14144	2.310	ug/l	98
46) Dibromomethane	9.03	93	8789	2.132	ug/l	87
47) Bromodichloromethane	9.35	83	19801	2.140	ug/l	94
48) Methyl methacrylate	9.09	41	8471	2.563	ug/l	92
49) 1,4-Dioxane	9.06	88	1772	48.614	ug/l #	69
51) 4-Methyl-2-Pentanone	10.27	43	49688	13.639	ug/l	98
52) Toluene	10.48	92	40848	2.772	ug/l	99
53) t-1,3-Dichloropropene	10.88	75	18723	2.228	ug/l	100
54) cis-1,3-Dichloropropene	10.01	75	23702	2.316	ug/l #	89
55) 1,1,2-Trichloroethane	11.16	97	10930	2.121	ug/l #	86
56) Ethyl methacrylate	11.02	69	12684	2.291	ug/l	99
57) 1,3-Dichloropropane	11.38	76	17622	2.327	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.83	63	44830	16.630	ug/l	96
59) 2-Hexanone	11.50	43	37076	14.047	ug/l	95
60) Dibromochloromethane	11.66	129	16105	2.027	ug/l	89
61) 1,2-Dibromoethane	11.78	107	14333	2.402	ug/l	94
64) Tetrachloroethene	11.23	164	16752	2.393	ug/l	95
65) Chlorobenzene	12.38	112	97812	5.366	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.50	131	15873	2.249	ug/l	91
67) Ethyl Benzene	12.51	91	71638	2.575	ug/l	98
68) m/p-Xylenes	12.65	106	53477	5.074	ug/l	99
69) o-Xylene	13.03	106	25469	2.490	ug/l	97
70) Styrene	13.06	104	44347	2.488	ug/l	98
71) Bromoform	13.21	173	9812	2.193	ug/l	97
73) Isopropylbenzene	13.38	105	72672	2.529	ug/l	96
74) N-amyl acetate	13.24	43	16998	2.123	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	13.69	83	14066	2.320	ug/l	87
76) 1,2,3-Trichloropropane	13.72	75	14217	2.384	ug/l	96
77) Bromobenzene	13.65	156	19687	2.311	ug/l	92
78) n-propylbenzene	13.76	91	86355	2.455	ug/l	99
79) 2-Chlorotoluene	13.82	91	50442	2.642	ug/l	97
80) 1,3,5-Trimethylbenzene	14.22	105	53259	2.206	ug/l	99
81) trans-1,4-Dichloro-2-buten	13.45	75	3977	2.187	ug/l	93
82) 4-Chlorotoluene	13.93	91	52017	2.505	ug/l	98
83) tert-Butylbenzene	14.17	119	59870	2.149	ug/l	98
84) 1,2,4-Trimethylbenzene	14.22	105	53259	2.206	ug/l	99
85) sec-Butylbenzene	14.36	105	73908	2.497	ug/l	99
86) p-Isopropyltoluene	14.47	119	58513	2.338	ug/l	99
87) 1,3-Dichlorobenzene	14.44	146	40367	2.798	ug/l	95
88) 1,4-Dichlorobenzene	14.52	146	42773	3.040	ug/l	94
89) n-Butylbenzene	14.78	91	57547	2.505	ug/l	96
90) Hexachloroethane	15.00	117	15628	2.210	ug/l	89
91) 1,2-Dichlorobenzene	14.79	146	33275	2.812	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	15.37	75	1662	2.337	ug/l	65

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
Data File : VD061358.D
Acq On : 27 Mar 2019 17:29
Operator : VA/AP
Sample : K2047-03RE
Misc : 6.25g/5ml/MSVOA_D/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
WP022SB431-190320-(21-23)RE

Quant Time: Mar 28 04:11:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 02:13:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	15355	2.848	ug/l	96
94) Hexachlorobutadiene	16.03	225	8888	2.110	ug/l	89
95) Naphthalene	16.11	128	25977	3.161	ug/l	98
96) 1,2,3-Trichlorobenzene	16.26	180	8788	3.705	ug/l	98

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

