

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061356.D
 Acq On : 27 Mar 2019 16:33
 Operator : VA/AP
 Sample : VD0327SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

Quant Time: Mar 28 09:25:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.03	168	754872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.20	114	1316508	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.35	117	1029450	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.51	152	433162	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.43	65	325236	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	
35) Dibromofluoromethane	6.90	113	500128	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
50) Toluene-d8	10.38	98	1189757	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	
62) 4-Bromofluorobenzene	13.54	95	459262	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	165511	20.531	ug/l	99
3) Chloromethane	1.76	50	140792	21.414	ug/l	99
4) Vinyl Chloride	1.86	62	126801	21.005	ug/l	99
5) Bromomethane	2.15	94	24521	20.484	ug/l	95
6) Chloroethane	2.26	64	31838	17.984	ug/l	97
7) Trichlorofluoromethane	2.53	101	162629	18.526	ug/l	100
8) Diethyl Ether	2.87	74	57394	20.307	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.15	101	195380	20.703	ug/l	96
10) Methyl Iodide	3.31	142	214910	17.407	ug/l	96
11) Tert butyl alcohol	4.05	59	39355	97.999	ug/l #	93
12) 1,1-Dichloroethene	3.13	96	166216	20.514	ug/l	91
13) Acrolein	3.03	56	34699	99.622	ug/l	85
14) Allyl chloride	3.61	41	232257	20.552	ug/l	98
15) Acrylonitrile	4.18	53	148170	106.304	ug/l	97
16) Acetone	3.22	43	166462	100.419	ug/l	97
17) Carbon Disulfide	3.38	76	549549	20.875	ug/l	99
18) Methyl Acetate	3.63	43	70089	20.110	ug/l	96
19) Methyl tert-butyl Ether	4.22	73	310278	22.122	ug/l	99
20) Methylene Chloride	3.81	84	236698	24.510	ug/l	97
21) trans-1,2-Dichloroethene	4.20	96	196424	22.454	ug/l	99
22) Diisopropyl ether	5.10	45	501475	20.969	ug/l	99
23) Vinyl Acetate	5.04	43	1371581	105.584	ug/l	99
24) 1,1-Dichloroethane	4.96	63	307210	21.858	ug/l	99
25) 2-Butanone	6.05	43	205026	98.324	ug/l	96
26) 2,2-Dichloropropane	6.01	77	234909	21.026	ug/l	97
27) cis-1,2-Dichloroethene	6.02	96	204114	21.297	ug/l	100
28) Bromochloromethane	6.42	49	115869	20.423	ug/l #	99
29) Tetrahydrofuran	6.43	42	103879	102.780	ug/l	98
30) Chloroform	6.64	83	310309	21.368	ug/l	96
31) Cyclohexane	6.94	56	251149	22.613	ug/l	98
32) 1,1,1-Trichloroethane	6.85	97	268588	20.964	ug/l	99
36) 1,1-Dichloropropene	7.13	75	231443	20.143	ug/l	99
37) Ethyl Acetate	6.16	43	99792	20.307	ug/l	98
38) Carbon Tetrachloride	7.09	117	272457	20.635	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
 Data File : VD061356.D
 Acq On : 27 Mar 2019 16:33
 Operator : VA/AP
 Sample : VD0327SBS01
 Misc : 5.00g/5ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBS01

Quant Time: Mar 28 09:25:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 28 09:22:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.84	83	244024	20.392	ug/l	96
40) Benzene	7.43	78	600686	20.830	ug/l	98
41) Methacrylonitrile	6.43	41	118500	20.624	ug/l	97
42) 1,2-Dichloroethane	7.56	62	174737	20.257	ug/l	100
43) Isopropyl Acetate	9.22	43	131629	18.410	ug/l	99
44) Trichloroethene	8.51	130	214256	19.965	ug/l	98
45) 1,2-Dichloropropane	8.92	63	149379	20.429	ug/l	100
46) Dibromomethane	9.04	93	100374	20.394	ug/l	94
47) Bromodichloromethane	9.35	83	222405	20.134	ug/l	98
48) Methyl methacrylate	9.10	41	73871	18.721	ug/l	95
49) 1,4-Dioxane	9.06	88	18445	423.797	ug/l	90
51) 4-Methyl-2-Pentanone	10.28	43	436170	100.271	ug/l	99
52) Toluene	10.48	92	370944	21.085	ug/l	99
53) t-1,3-Dichloropropene	10.89	75	185451	18.478	ug/l	99
54) cis-1,3-Dichloropropene	10.02	75	251584	20.587	ug/l	97
55) 1,1,2-Trichloroethane	11.16	97	123997	20.154	ug/l	95
56) Ethyl methacrylate	11.01	69	130918	19.807	ug/l	99
57) 1,3-Dichloropropane	11.38	76	190793	21.098	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.83	63	308381	95.806	ug/l	97
59) 2-Hexanone	11.51	43	303783	96.389	ug/l	97
60) Dibromochloromethane	11.66	129	188386	19.862	ug/l	99
61) 1,2-Dibromoethane	11.78	107	140612	19.737	ug/l	98
64) Tetrachloroethene	11.23	164	161359	19.972	ug/l	97
65) Chlorobenzene	12.38	112	418568	19.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	12.49	131	166595	20.451	ug/l	98
67) Ethyl Benzene	12.50	91	680107	21.179	ug/l	97
68) m/p-Xylenes	12.65	106	523675	43.050	ug/l	96
69) o-Xylene	13.03	106	256268	21.709	ug/l	96
70) Styrene	13.05	104	449223	21.831	ug/l	97
71) Bromoform	13.22	173	105313	20.395	ug/l	97
73) Isopropylbenzene	13.39	105	671101	22.260	ug/l	100
74) N-amyl acetate	13.25	43	185561	22.095	ug/l	99
75) 1,1,2,2-Tetrachloroethane	13.68	83	133851	21.047	ug/l	97
76) 1,2,3-Trichloropropane	13.72	75	130050	20.784	ug/l	100
77) Bromobenzene	13.65	156	188217	21.059	ug/l	89
78) n-propylbenzene	13.76	91	776939	21.059	ug/l	98
79) 2-Chlorotoluene	13.82	91	450701	22.499	ug/l	93
80) 1,3,5-Trimethylbenzene	13.92	105	561568	24.008	ug/l	97
81) trans-1,4-Dichloro-2-buten	13.46	75	40121	21.030	ug/l	97
82) 4-Chlorotoluene	13.93	91	502935	23.090	ug/l	89
83) tert-Butylbenzene	14.17	119	606171	20.736	ug/l	98
84) 1,2,4-Trimethylbenzene	14.22	105	535529	21.147	ug/l	98
85) sec-Butylbenzene	14.35	105	670058	21.577	ug/l	99
86) p-Isopropyltoluene	14.48	119	622817	23.717	ug/l	98
87) 1,3-Dichlorobenzene	14.44	146	328128	21.680	ug/l	98
88) 1,4-Dichlorobenzene	14.52	146	321448	21.779	ug/l	93
89) n-Butylbenzene	14.79	91	541536	22.468	ug/l	99
90) Hexachloroethane	14.99	117	147849	19.929	ug/l	72
91) 1,2-Dichlorobenzene	14.80	146	282823	22.782	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	15.37	75	15380	20.620	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD032719\
Data File : VD061356.D
Acq On : 27 Mar 2019 16:33
Operator : VA/AP
Sample : VD0327SBS01
Misc : 5.00g/5ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBS01

Quant Time: Mar 28 09:25:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D032719S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 28 09:22:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.93	180	132213	23.379	ug/l	95
94) Hexachlorobutadiene	16.03	225	102738	23.249	ug/l	95
95) Naphthalene	16.11	128	204397	23.712	ug/l	99
96) 1,2,3-Trichlorobenzene	16.26	180	57895	23.265	ug/l	91

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

