

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062364.D
 Acq On : 15 May 2019 00:47
 Operator : FY/SY
 Sample : VD0514SBSD02
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0514SBSD02

Quant Time: May 15 03:30:48 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	7.06	168	603553	50.00	ug/l	0.04
34) 1,4-Difluorobenzene	8.23	114	770011	50.00	ug/l	0.04
63) Chlorobenzene-d5	12.38	117	717021	50.00	ug/l	0.03
72) 1,4-Dichlorobenzene-d4	14.53	152	333014	50.00	ug/l	0.02

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.47	65	338752	60.40	ug/l	0.05
Spiked Amount	50.000		Recovery	=	120.80%	
35) Dibromofluoromethane	6.94	113	361841	56.64	ug/l	0.05
Spiked Amount	50.000		Recovery	=	113.28%	
50) Toluene-d8	10.42	98	716170	46.49	ug/l	0.03
Spiked Amount	50.000		Recovery	=	92.98%	
62) 4-Bromofluorobenzene	13.56	95	352855	57.04	ug/l	0.02
Spiked Amount	50.000		Recovery	=	114.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.58	85	97813	16.945	ug/l	99
3) Chloromethane	1.75	50	64961	15.574	ug/l	98
4) Vinyl Chloride	1.85	62	67901	16.564	ug/l	92
5) Bromomethane	2.15	94	24904	25.928	ug/l	98
6) Chloroethane	2.26	64	33312	19.366	ug/l #	88
7) Trichlorofluoromethane	2.53	101	168633	21.160	ug/l	100
8) Diethyl Ether	2.88	74	21471	13.969	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.16	101	103288	17.133	ug/l	97
10) Methyl Iodide	3.31	142	111275	12.213	ug/l #	81
11) Tert butyl alcohol	4.09	59	25897	90.453	ug/l	99
12) 1,1-Dichloroethene	3.13	96	69069	15.008	ug/l	91
13) Acrolein	3.04	56	15933	53.805	ug/l	95
14) Allyl chloride	3.63	41	109487	16.363	ug/l #	79
15) Acrylonitrile	4.21	53	65021	86.403	ug/l #	81
16) Acetone	3.23	43	113795	96.744	ug/l #	82
17) Carbon Disulfide	3.38	76	176124	13.304	ug/l	99
18) Methyl Acetate	3.65	43	42578	20.058	ug/l #	89
19) Methyl tert-butyl Ether	4.25	73	189184	19.179	ug/l #	91
20) Methylene Chloride	3.83	84	82570	16.812	ug/l	96
21) trans-1,2-Dichloroethene	4.23	96	81309	15.878	ug/l	95
22) Diisopropyl ether	5.14	45	237360	16.670	ug/l	94
23) Vinyl Acetate	5.07	43	718811	95.681	ug/l	97
24) 1,1-Dichloroethane	5.00	63	144643	16.839	ug/l	99
25) 2-Butanone	6.08	43	120566	93.972	ug/l	100
26) 2,2-Dichloropropane	6.03	77	165849	19.383	ug/l	99
27) cis-1,2-Dichloroethene	6.05	96	94859	16.549	ug/l	95
28) Bromochloromethane	6.45	49	84368	24.964	ug/l	82
29) Tetrahydrofuran	6.47	42	52065	88.073	ug/l	93
30) Chloroform	6.67	83	200972	19.413	ug/l	99
31) Cyclohexane	6.97	56	89240	15.164	ug/l	94
32) 1,1,1-Trichloroethane	6.88	97	211127	21.577	ug/l	100
36) 1,1-Dichloropropene	7.16	75	126610	20.054	ug/l	92
37) Ethyl Acetate	6.19	43	55835	20.854	ug/l #	90
38) Carbon Tetrachloride	7.13	117	204432	23.395	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
 Data File : VD062364.D
 Acq On : 15 May 2019 00:47
 Operator : FY/SY
 Sample : VD0514SBSD02
 Misc : 5.00g/5mL/MSVOA_D/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0514SBSD02

Quant Time: May 15 03:30:48 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	8.88	83	103538	17.117	ug/l	92
40) Benzene	7.47	78	265023	18.590	ug/l	99
41) Methacrylonitrile	6.47	41	67292	20.567	ug/l #	80
42) 1,2-Dichloroethane	7.59	62	137874	22.826	ug/l	90
43) Isopropyl Acetate	9.25	43	74648	19.659	ug/l	95
44) Trichloroethene	8.55	130	95308	17.544	ug/l	71
45) 1,2-Dichloropropane	8.95	63	61019	17.304	ug/l	94
46) Dibromomethane	9.07	93	60476	21.090	ug/l	94
47) Bromodichloromethane	9.39	83	145513	20.746	ug/l	97
48) Methyl methacrylate	9.13	41	52285	22.355	ug/l #	82
49) 1,4-Dioxane	9.09	88	9417	373.163	ug/l	99
51) 4-Methyl-2-Pentanone	10.31	43	255879	104.832	ug/l	91
52) Toluene	10.52	92	172190	18.563	ug/l	96
53) t-1,3-Dichloropropene	10.92	75	123394	20.355	ug/l	97
54) cis-1,3-Dichloropropene	10.05	75	115311	17.436	ug/l #	82
55) 1,1,2-Trichloroethane	11.20	97	65213	19.870	ug/l	97
56) Ethyl methacrylate	11.05	69	62277	18.261	ug/l #	78
57) 1,3-Dichloropropane	11.42	76	95287	19.218	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.86	63	232608	124.863	ug/l	99
59) 2-Hexanone	11.54	43	196881	109.439	ug/l	91
60) Dibromochloromethane	11.69	129	111733	19.699	ug/l	98
61) 1,2-Dibromoethane	11.81	107	76595	19.196	ug/l	92
64) Tetrachloroethene	11.27	164	97812	17.445	ug/l	96
65) Chlorobenzene	12.41	112	209960	15.722	ug/l	98
66) 1,1,1,2-Tetrachloroethane	12.52	131	101130	17.400	ug/l	93
67) Ethyl Benzene	12.53	91	386952	17.307	ug/l	92
68) m/p-Xylenes	12.68	106	277179	34.075	ug/l	76
69) o-Xylene	13.06	106	125665	16.617	ug/l	82
70) Styrene	13.08	104	207180	16.172	ug/l	95
71) Bromoform	13.25	173	69459	17.177	ug/l #	95
73) Isopropylbenzene	13.41	105	375458	18.809	ug/l	96
74) N-amyl acetate	13.28	43	103542	19.784	ug/l	94
75) 1,1,2,2-Tetrachloroethane	13.71	83	73469	19.441	ug/l	95
76) 1,2,3-Trichloropropane	13.74	75	78213	19.763	ug/l	96
77) Bromobenzene	13.68	156	100640	18.010	ug/l	98
78) n-propylbenzene	13.78	91	417221	17.521	ug/l	93
79) 2-Chlorotoluene	13.85	91	288796	21.176	ug/l	85
80) 1,3,5-Trimethylbenzene	13.94	105	352021	20.942	ug/l	85
81) trans-1,4-Dichloro-2-buten	13.48	75	18636	16.680	ug/l #	66
82) 4-Chlorotoluene	13.96	91	350533	21.842	ug/l	86
83) tert-Butylbenzene	14.19	119	380648	20.147	ug/l	87
84) 1,2,4-Trimethylbenzene	14.24	105	330239	19.577	ug/l	87
85) sec-Butylbenzene	14.37	105	393865	19.013	ug/l	90
86) p-Isopropyltoluene	14.50	119	324945	17.557	ug/l	90
87) 1,3-Dichlorobenzene	14.46	146	185745	18.196	ug/l	94
88) 1,4-Dichlorobenzene	14.55	146	166948	16.645	ug/l	98
89) n-Butylbenzene	14.80	91	336763	20.272	ug/l	94
90) Hexachloroethane	15.02	117	97915	19.454	ug/l	64
91) 1,2-Dichlorobenzene	14.81	146	171298	20.376	ug/l	93
92) 1,2-Dibromo-3-Chloropropan	15.38	75	14012	22.588	ug/l	59

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD051419\
Data File : VD062364.D
Acq On : 15 May 2019 00:47
Operator : FY/SY
Sample : VD0514SBSD02
Misc : 5.00g/5mL/MSVOA_D/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0514SBSD02

Quant Time: May 15 03:30:48 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)
93) 1,2,4-Trichlorobenzene	15.95	180	127136	20.777	ug/l	95
94) Hexachlorobutadiene	16.04	225	96353	21.171	ug/l	96
95) Naphthalene	16.13	128	179494	21.011	ug/l	99
96) 1,2,3-Trichlorobenzene	16.28	180	88125	22.905	ug/l	98

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

