

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064485.D
 Acq On : 10 Dec 2019 12:11
 Operator : VA/SY
 Sample : VD1210SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:15:22 PM

Quant Time: Dec 11 01:05:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	437573	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	647619	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	566226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287293	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	201073	50.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.54%	
35) Dibromofluoromethane	7.92	113	204552	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	10.34	98	786388	51.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.32%	
62) 4-Bromofluorobenzene	12.64	95	248611	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	88713	22.375	ug/l	99
3) Chloromethane	2.21	50	108539	21.705	ug/l	97
4) Vinyl Chloride	2.35	62	133633	23.144	ug/l	98
5) Bromomethane	2.76	94	93176	21.822	ug/l	99
6) Chloroethane	2.92	64	86670	22.458	ug/l	99
7) Trichlorofluoromethane	3.27	101	224363	23.374	ug/l	93
8) Diethyl Ether	3.70	74	44065	22.092	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	93323	22.675	ug/l	99
10) Methyl Iodide	4.29	142	97949	22.537	ug/l	98
11) Tert butyl alcohol	5.26	59	26064	103.380	ug/l #	100
12) 1,1-Dichloroethene	4.06	96	89563	22.708	ug/l	97
13) Acrolein	3.93	56	32782	95.329	ug/l	99
14) Allyl chloride	4.71	41	139156	22.608	ug/l	97
15) Acrylonitrile	5.43	53	94306	108.122	ug/l	98
16) Acetone	4.17	43	87178	108.922	ug/l	98
17) Carbon Disulfide	4.40	76	280276	22.437	ug/l	99
18) Methyl Acetate	4.72	43	51532	22.073	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	194960	21.549	ug/l	97
20) Methylene Chloride	4.96	84	104642	23.362	ug/l	92
21) trans-1,2-Dichloroethene	5.46	96	100647	22.560	ug/l	97
22) Diisopropyl ether	6.37	45	268949	22.134	ug/l #	96
23) Vinyl Acetate	6.31	43	774394	108.102	ug/l	99
24) 1,1-Dichloroethane	6.26	63	165470	22.644	ug/l	98
25) 2-Butanone	7.23	43	120703	106.638	ug/l	98
26) 2,2-Dichloropropane	7.21	77	150538	23.688	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105837	21.760	ug/l	98
28) Bromochloromethane	7.54	49	40884	16.371	ug/l	98
29) Tetrahydrofuran	7.57	42	75715	105.140	ug/l	98
30) Chloroform	7.71	83	170495	22.528	ug/l	98
31) Cyclohexane	7.98	56	160281	22.610	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	162115	23.105	ug/l	98
36) 1,1-Dichloropropene	8.11	75	136182	22.232	ug/l	100
37) Ethyl Acetate	7.30	43	58028	22.325	ug/l	95
38) Carbon Tetrachloride	8.10	117	147298	22.784	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
 Data File : VD064485.D
 Acq On : 10 Dec 2019 12:11
 Operator : VA/SY
 Sample : VD1210SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1210SBS01

Manual Integrations
 APPROVED

apatel
 12/11/2019 2:15:22 PM

Quant Time: Dec 11 01:05:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 29 07:18:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	170241	22.405	ug/l	95
40) Benzene	8.35	78	377219	22.172	ug/l	99
41) Methacrylonitrile	7.53	41	31324	21.014	ug/l #	87
42) 1,2-Dichloroethane	8.43	62	110960	22.364	ug/l	99
43) Isopropyl Acetate	8.46	43	107347	21.005	ug/l	98
44) Trichloroethene	9.11	130	111722	21.800	ug/l	99
45) 1,2-Dichloropropane	9.38	63	92655	22.772	ug/l	94
46) Dibromomethane	9.47	93	50243	21.878	ug/l	98
47) Bromodichloromethane	9.66	83	132020	22.374	ug/l	98
48) Methyl methacrylate	9.46	41	48303	20.655	ug/l	98
49) 1,4-Dioxane	9.46	88	11824	416.955	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	268100	106.025	ug/l	99
52) Toluene	10.40	92	241141	21.749	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	122480	21.780	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	145734	21.814	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	67398	21.434	ug/l	97
56) Ethyl methacrylate	10.66	69	82452	20.558	ug/l	98
57) 1,3-Dichloropropane	10.95	76	116324	21.731	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	174654	109.241	ug/l	98
59) 2-Hexanone	10.98	43	179619	102.370	ug/l	98
60) Dibromochloromethane	11.14	129	90092	21.131	ug/l	98
61) 1,2-Dibromoethane	11.25	107	65912	20.993	ug/l	99
64) Tetrachloroethene	10.87	164	97839	22.659	ug/l	98
65) Chlorobenzene	11.67	112	254107	21.517	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	96874	22.159	ug/l	99
67) Ethyl Benzene	11.74	91	460911	21.936	ug/l	96
68) m/p-Xylenes	11.86	106	357091	44.571	ug/l	98
69) o-Xylene	12.18	106	158084	21.365	ug/l	98
70) Styrene	12.20	104	282442	21.966	ug/l	99
71) Bromoform	12.37	173	55724	21.305	ug/l #	99
73) Isopropylbenzene	12.48	105	446253	21.597	ug/l	100
74) N-amyl acetate	12.29	43	96317	20.538	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	70586	20.658	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	43688m	18.491	ug/l	
77) Bromobenzene	12.77	156	108335	21.232	ug/l	99
78) n-propylbenzene	12.83	91	516246	21.654	ug/l	99
79) 2-Chlorotoluene	12.91	91	282264	21.517	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	364411	21.582	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	23346	21.547	ug/l	98
82) 4-Chlorotoluene	13.01	91	294562	21.208	ug/l	99
83) tert-Butylbenzene	13.23	119	319205	21.745	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	354306	20.868	ug/l	99
85) sec-Butylbenzene	13.41	105	432463	21.465	ug/l	99
86) p-Isopropyltoluene	13.52	119	397526	20.899	ug/l	100
87) 1,3-Dichlorobenzene	13.53	146	200133	20.665	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	201782	21.104	ug/l	98
89) n-Butylbenzene	13.85	91	373693	21.634	ug/l	99
90) Hexachloroethane	14.12	117	76974	21.636	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	174526	21.087	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.52	75	11345	19.553	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD121019\
Data File : VD064485.D
Acq On : 10 Dec 2019 12:11
Operator : VA/SY
Sample : VD1210SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1210SBSD01

Manual Integrations
APPROVED

apatel
12/11/2019 2:15:22 PM

Quant Time: Dec 11 01:05:51 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112719S.M
Quant Title : SW846 8260
QLast Update : Fri Nov 29 07:18:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	132492	20.903	ug/l	99
94) Hexachlorobutadiene	15.28	225	83487	21.336	ug/l	99
95) Naphthalene	15.41	128	211142	19.960	ug/l	99
96) 1,2,3-Trichlorobenzene	15.61	180	112455	20.784	ug/l	100

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

