

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066165.D
 Acq On : 10 Aug 2020 15:33
 Operator : VA/SY
 Sample : VD0810SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0810SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:27 PM

Quant Time: Aug 11 05:40:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	315061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	458924	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	428410	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	222340	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	142507	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.91	113	147413	50.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.42%	
50) Toluene-d8	10.34	98	556903	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
62) 4-Bromofluorobenzene	12.63	95	200063	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	56007	20.177	ug/l	98
3) Chloromethane	2.20	50	41033	19.003	ug/l	96
4) Vinyl Chloride	2.34	62	37553	19.644	ug/l	98
5) Bromomethane	2.74	94	24851	19.594	ug/l	86
6) Chloroethane	2.91	64	22956	19.563	ug/l #	85
7) Trichlorofluoromethane	3.26	101	93635	18.788	ug/l	100
8) Diethyl Ether	3.70	74	27684	19.686	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	57390	19.403	ug/l	99
10) Methyl Iodide	4.29	142	52239	23.507	ug/l	99
11) Tert butyl alcohol	5.22	59	25871	100.552	ug/l #	89
12) 1,1-Dichloroethene	4.06	96	52414	18.785	ug/l	91
13) Acrolein	3.91	56	18801	84.032	ug/l	97
14) Allyl chloride	4.71	41	81659	19.318	ug/l	97
15) Acrylonitrile	5.42	53	56674	95.638	ug/l	97
16) Acetone	4.16	43	54330	101.869	ug/l	100
17) Carbon Disulfide	4.40	76	163414	18.420	ug/l #	94
18) Methyl Acetate	4.71	43	26676	19.692	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	120380	18.823	ug/l	98
20) Methylene Chloride	4.96	84	77483	22.756	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	59165	18.458	ug/l	91
22) Diisopropyl ether	6.36	45	164533	19.683	ug/l	95
23) Vinyl Acetate	6.30	43	477649	97.536	ug/l	99
24) 1,1-Dichloroethane	6.26	63	98950	19.127	ug/l	98
25) 2-Butanone	7.21	43	75802	96.633	ug/l	95
26) 2,2-Dichloropropane	7.20	77	88581	19.105	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	62998	18.738	ug/l	96
28) Bromochloromethane	7.54	49	41112	22.627	ug/l #	98
29) Tetrahydrofuran	7.56	42	47428	97.587	ug/l	99
30) Chloroform	7.70	83	101647	18.713	ug/l	96
31) Cyclohexane	7.97	56	91029	18.485	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	97598	19.163	ug/l	97
36) 1,1-Dichloropropene	8.10	75	79805	18.506	ug/l	98
37) Ethyl Acetate	7.28	43	33147	19.399	ug/l	97
38) Carbon Tetrachloride	8.09	117	88639	18.431	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
 Data File : VD066165.D
 Acq On : 10 Aug 2020 15:33
 Operator : VA/SY
 Sample : VD0810SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0810SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/11/2020 3:19:27 PM

Quant Time: Aug 11 05:40:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	96730	18.555	ug/l	98
40) Benzene	8.34	78	225051	18.812	ug/l	98
41) Methacrylonitrile	7.53	41	22679	22.574	ug/l	88
42) 1,2-Dichloroethane	8.42	62	66831	19.016	ug/l	99
43) Isopropyl Acetate	8.45	43	65480	19.450	ug/l	99
44) Trichloroethene	9.10	130	69021	19.146	ug/l	95
45) 1,2-Dichloropropane	9.38	63	55783	19.065	ug/l	98
46) Dibromomethane	9.47	93	30564	18.964	ug/l	97
47) Bromodichloromethane	9.66	83	80715	18.949	ug/l	96
48) Methyl methacrylate	9.46	41	34357	19.986	ug/l	96
49) 1,4-Dioxane	9.46	88	7803	376.853	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	168165	97.246	ug/l	99
52) Toluene	10.40	92	151191	19.206	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	77234	19.106	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	92244	19.477	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	44069	18.989	ug/l	93
56) Ethyl methacrylate	10.66	69	53645	19.243	ug/l	97
57) 1,3-Dichloropropane	10.94	76	73472	19.070	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	133464	106.430	ug/l	99
59) 2-Hexanone	10.98	43	116946	96.360	ug/l	99
60) Dibromochloromethane	11.14	129	60036	18.738	ug/l	97
61) 1,2-Dibromoethane	11.24	107	43643	19.555	ug/l	100
64) Tetrachloroethene	10.87	164	60855	18.499	ug/l	96
65) Chlorobenzene	11.67	112	165682	19.051	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	63614	18.694	ug/l	98
67) Ethyl Benzene	11.74	91	286896	19.036	ug/l	100
68) m/p-Xylenes	11.86	106	221098	37.865	ug/l	97
69) o-Xylene	12.18	106	101048	19.024	ug/l	98
70) Styrene	12.20	104	178612	19.187	ug/l	99
71) Bromoform	12.36	173	38275	18.985	ug/l #	99
73) Isopropylbenzene	12.48	105	280248	18.882	ug/l	99
74) N-amyl acetate	12.29	43	61435	18.798	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	49219	19.448	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	30569m	16.487	ug/l	
77) Bromobenzene	12.76	156	73154	19.147	ug/l	98
78) n-propylbenzene	12.82	91	325708	18.879	ug/l	99
79) 2-Chlorotoluene	12.91	91	190089	19.265	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	238858	19.244	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	15835	18.879	ug/l	96
82) 4-Chlorotoluene	13.01	91	196334	18.849	ug/l	98
83) tert-Butylbenzene	13.23	119	209402	19.183	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	238614	19.209	ug/l	99
85) sec-Butylbenzene	13.40	105	281670	19.112	ug/l	99
86) p-Isopropyltoluene	13.52	119	267091	19.323	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	138095	19.232	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	136453	19.055	ug/l	99
89) n-Butylbenzene	13.85	91	238661	19.271	ug/l	99
90) Hexachloroethane	14.11	117	51728	18.764	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	122038	19.218	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7994	18.379	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081020\
Data File : VD066165.D
Acq On : 10 Aug 2020 15:33
Operator : VA/SY
Sample : VD0810SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0810SBSD01

Manual Integrations
APPROVED

MMDadoda
8/11/2020 3:19:27 PM

Quant Time: Aug 11 05:40:00 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	88384	18.886	ug/l	99
94) Hexachlorobutadiene	15.28	225	51915	18.839	ug/l	99
95) Naphthalene	15.41	128	144410	18.938	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	79110	19.149	ug/l	100

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

