

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066150.D
 Acq On : 07 Aug 2020 11:45
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:10 PM

Quant Time: Aug 08 00:58:11 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	311301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	455115	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	426131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	220002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	150245	54.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.20%	
35) Dibromofluoromethane	7.91	113	155798	54.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.08%	
50) Toluene-d8	10.34	98	590654	55.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.04%	
62) 4-Bromofluorobenzene	12.64	95	203651	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	57991	21.144	ug/l	100
3) Chloromethane	2.20	50	43119	20.210	ug/l	96
4) Vinyl Chloride	2.35	62	40300	21.336	ug/l	93
5) Bromomethane	2.76	94	28580	22.806	ug/l	94
6) Chloroethane	2.92	64	24478	21.112	ug/l #	88
7) Trichlorofluoromethane	3.27	101	94331	19.156	ug/l	99
8) Diethyl Ether	3.70	74	25321	18.223	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	55986	19.157	ug/l	100
10) Methyl Iodide	4.30	142	53687	24.181	ug/l	98
11) Tert butyl alcohol	5.20	59	22344m	82.253	ug/l	
12) 1,1-Dichloroethene	4.06	96	51154	18.555	ug/l	98
13) Acrolein	3.91	56	19925	90.132	ug/l	97
14) Allyl chloride	4.70	41	77567	18.572	ug/l	98
15) Acrylonitrile	5.41	53	54628	93.299	ug/l	98
16) Acetone	4.16	43	47238	89.641	ug/l	100
17) Carbon Disulfide	4.41	76	163426	18.644	ug/l	97
18) Methyl Acetate	4.71	43	23173	17.312	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	111591	17.660	ug/l	100
20) Methylene Chloride	4.96	84	74526	22.015	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	59876	18.906	ug/l	98
22) Diisopropyl ether	6.36	45	158530	19.194	ug/l	92
23) Vinyl Acetate	6.30	43	449875	92.974	ug/l	96
24) 1,1-Dichloroethane	6.26	63	99085	19.385	ug/l	98
25) 2-Butanone	7.20	43	69417	89.562	ug/l	99
26) 2,2-Dichloropropane	7.21	77	90793	19.818	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	63368	19.076	ug/l	97
28) Bromochloromethane	7.55	49	39938	22.246	ug/l	99
29) Tetrahydrofuran	7.56	42	43306	90.182	ug/l	99
30) Chloroform	7.71	83	102978	19.187	ug/l	98
31) Cyclohexane	7.98	56	91053	18.714	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	96271	19.130	ug/l	99
36) 1,1-Dichloropropene	8.11	75	80466	18.815	ug/l	99
37) Ethyl Acetate	7.29	43	31081	18.342	ug/l	97
38) Carbon Tetrachloride	8.09	117	88752	18.609	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
 Data File : VD066150.D
 Acq On : 07 Aug 2020 11:45
 Operator : VA/SY
 Sample : VD0807SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0807SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/10/2020 12:24:10 PM

Quant Time: Aug 08 00:58:11 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	95698	18.511	ug/l	92
40) Benzene	8.34	78	227168	19.148	ug/l	100
41) Methacrylonitrile	7.53	41	17425	17.490	ug/l	96
42) 1,2-Dichloroethane	8.42	62	67326	19.317	ug/l	98
43) Isopropyl Acetate	8.45	43	58663	17.571	ug/l	98
44) Trichloroethene	9.11	130	67246	18.810	ug/l	99
45) 1,2-Dichloropropane	9.38	63	56495	19.470	ug/l	97
46) Dibromomethane	9.47	93	29036	18.167	ug/l	95
47) Bromodichloromethane	9.66	83	79185	18.746	ug/l	99
48) Methyl methacrylate	9.45	41	27621	16.202	ug/l	92
49) 1,4-Dioxane	9.46	88	6579	320.398	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	149395	87.115	ug/l	100
52) Toluene	10.40	92	153985	19.725	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	76950	19.195	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	90284	19.222	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	42190	18.332	ug/l	94
56) Ethyl methacrylate	10.66	69	48832	17.663	ug/l	99
57) 1,3-Dichloropropane	10.94	76	71056	18.598	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	123674	99.449	ug/l	99
59) 2-Hexanone	10.98	43	102646	85.285	ug/l	99
60) Dibromochloromethane	11.14	129	58123	18.293	ug/l	99
61) 1,2-Dibromoethane	11.25	107	40988	18.519	ug/l	98
64) Tetrachloroethene	10.87	164	58737	17.950	ug/l	98
65) Chlorobenzene	11.67	112	164715	19.041	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	61571	18.191	ug/l	98
67) Ethyl Benzene	11.74	91	282313	18.833	ug/l	96
68) m/p-Xylenes	11.86	106	222325	38.279	ug/l	100
69) o-Xylene	12.18	106	100110	18.948	ug/l	97
70) Styrene	12.20	104	177499	19.170	ug/l	99
71) Bromoform	12.36	173	35582	17.743	ug/l #	98
73) Isopropylbenzene	12.48	105	275215	18.740	ug/l	100
74) N-amyl acetate	12.29	43	56625	17.510	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	44519	17.778	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	31908m	17.392	ug/l	
77) Bromobenzene	12.77	156	70248	18.582	ug/l	99
78) n-propylbenzene	12.83	91	323596	18.956	ug/l	99
79) 2-Chlorotoluene	12.91	91	184409	18.888	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	233891	19.044	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	14307	17.238	ug/l	95
82) 4-Chlorotoluene	13.01	91	196747	19.089	ug/l	99
83) tert-Butylbenzene	13.23	119	200152	18.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	230427	18.747	ug/l	98
85) sec-Butylbenzene	13.41	105	272166	18.664	ug/l	98
86) p-Isopropyltoluene	13.52	119	256790	18.775	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	133717	18.820	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	131807	18.602	ug/l	99
89) n-Butylbenzene	13.85	91	229198	18.703	ug/l	99
90) Hexachloroethane	14.12	117	49862	18.279	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	113341	18.038	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7471	17.359	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD080720\
Data File : VD066150.D
Acq On : 07 Aug 2020 11:45
Operator : VA/SY
Sample : VD0807SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0807SBS01

Manual Integrations
APPROVED

MMDadoda
8/10/2020 12:24:10 PM

Quant Time: Aug 08 00:58:11 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	82228	17.758	ug/l	98
94) Hexachlorobutadiene	15.28	225	51220	18.784	ug/l	96
95) Naphthalene	15.41	128	126793	16.805	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	72499	17.736	ug/l	97

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

