

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066374.D
 Acq On : 24 Aug 2020 12:01
 Operator : VA/SY
 Sample : VD0824SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 3:32:53 PM

Quant Time: Aug 25 03:27:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	204790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	273010	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	257593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	139492	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	108893	54.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.48%	
35) Dibromofluoromethane	7.91	113	93878	54.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.98%	
50) Toluene-d8	10.34	98	348525	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
62) 4-Bromofluorobenzene	12.63	95	126281	56.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34242	19.668	ug/l	99
3) Chloromethane	2.20	50	22353	18.113	ug/l	98
4) Vinyl Chloride	2.34	62	23601	17.812	ug/l	95
5) Bromomethane	2.75	94	18206	18.370	ug/l	99
6) Chloroethane	2.91	64	15194	17.908	ug/l	94
7) Trichlorofluoromethane	3.27	101	70988	19.702	ug/l	95
8) Diethyl Ether	3.71	74	13975	17.311	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	32182	18.099	ug/l	96
10) Methyl Iodide	4.30	142	27217	13.420	ug/l	99
11) Tert butyl alcohol	5.23	59	15959m	114.948	ug/l	
12) 1,1-Dichloroethene	4.06	96	29565	17.713	ug/l	98
13) Acrolein	3.91	56	7129	79.960	ug/l	92
14) Allyl chloride	4.71	41	35314	15.851	ug/l	91
15) Acrylonitrile	5.42	53	27222	84.044	ug/l	99
16) Acetone	4.15	43	29999	82.878	ug/l	98
17) Carbon Disulfide	4.41	76	85997	17.001	ug/l	99
18) Methyl Acetate	4.71	43	11416	16.804	ug/l #	89
19) Methyl tert-butyl Ether	5.47	73	73477	18.282	ug/l	97
20) Methylene Chloride	4.96	84	40915	16.970	ug/l	86
21) trans-1,2-Dichloroethene	5.46	96	34089	17.545	ug/l	97
22) Diisopropyl ether	6.36	45	75555	17.517	ug/l	98
23) Vinyl Acetate	6.30	43	226124	84.683	ug/l	97
24) 1,1-Dichloroethane	6.26	63	53468	17.541	ug/l #	91
25) 2-Butanone	7.21	43	35842	87.224	ug/l	95
26) 2,2-Dichloropropane	7.20	77	61738	18.897	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	37250	17.893	ug/l	98
28) Bromochloromethane	7.54	49	17757	16.912	ug/l	93
29) Tetrahydrofuran	7.56	42	19954	85.494	ug/l	96
30) Chloroform	7.70	83	64770	18.366	ug/l	95
31) Cyclohexane	7.98	56	46993	16.857	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	69688	19.307	ug/l	97
36) 1,1-Dichloropropene	8.11	75	46368	18.614	ug/l	98
37) Ethyl Acetate	7.29	43	14651	17.293	ug/l #	64
38) Carbon Tetrachloride	8.09	117	67708	20.863	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066374.D
 Acq On : 24 Aug 2020 12:01
 Operator : VA/SY
 Sample : VD0824SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 3:32:53 PM

Quant Time: Aug 25 03:27:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	55434	18.891	ug/l	93
40) Benzene	8.34	78	125511	19.153	ug/l	99
41) Methacrylonitrile	7.54	41	10201m	19.524	ug/l	
42) 1,2-Dichloroethane	8.42	62	46980	20.355	ug/l	97
43) Isopropyl Acetate	8.44	43	30250	17.789	ug/l	98
44) Trichloroethene	9.11	130	41102	19.302	ug/l	97
45) 1,2-Dichloropropane	9.38	63	28769	19.365	ug/l	96
46) Dibromomethane	9.47	93	17821	19.266	ug/l	98
47) Bromodichloromethane	9.66	83	48630	19.117	ug/l #	91
48) Methyl methacrylate	9.46	41	15313	17.462	ug/l	93
49) 1,4-Dioxane	9.46	88	4120	383.593	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	73337	89.147	ug/l	96
52) Toluene	10.40	92	88460	19.925	ug/l	96
53) t-1,3-Dichloropropene	10.62	75	46635	19.321	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	51174	18.888	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	24352	19.447	ug/l	91
56) Ethyl methacrylate	10.66	69	27225	18.781	ug/l	96
57) 1,3-Dichloropropane	10.94	76	39566	19.102	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	63016	104.668	ug/l	95
59) 2-Hexanone	10.98	43	51213	88.257	ug/l	91
60) Dibromochloromethane	11.14	129	37129	19.671	ug/l	97
61) 1,2-Dibromoethane	11.24	107	23521	19.087	ug/l	98
64) Tetrachloroethene	10.87	164	36650	18.756	ug/l	96
65) Chlorobenzene	11.67	112	96472	18.824	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	41039	19.595	ug/l	97
67) Ethyl Benzene	11.74	91	172422	19.113	ug/l	89
68) m/p-Xylenes	11.86	106	130054	37.824	ug/l	94
69) o-Xylene	12.18	106	61165	19.122	ug/l	98
70) Styrene	12.20	104	105084	19.133	ug/l	97
71) Bromoform	12.36	173	22767	19.161	ug/l #	97
73) Isopropylbenzene	12.48	105	176478	18.886	ug/l	98
74) N-amyl acetate	12.29	43	27389	16.228	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.73	83	23792	17.823	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	20391m	20.779	ug/l	
77) Bromobenzene	12.76	156	44607	18.808	ug/l	99
78) n-propylbenzene	12.82	91	200374	18.701	ug/l	100
79) 2-Chlorotoluene	12.91	91	111159	18.165	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	151208	18.741	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	7938	17.170	ug/l	94
82) 4-Chlorotoluene	13.01	91	120255	18.548	ug/l	98
83) tert-Butylbenzene	13.23	119	129456	18.473	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	150577	19.001	ug/l	98
85) sec-Butylbenzene	13.40	105	168438	18.345	ug/l	99
86) p-Isopropyltoluene	13.52	119	169178	19.109	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	82812	18.705	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	84248	18.952	ug/l	99
89) n-Butylbenzene	13.84	91	142057	18.183	ug/l	100
90) Hexachloroethane	14.11	117	31204	17.842	ug/l	100
91) 1,2-Dichlorobenzene	13.89	146	72944	19.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5384	19.230	ug/l	86

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
Data File : VD066374.D
Acq On : 24 Aug 2020 12:01
Operator : VA/SY
Sample : VD0824SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0824SBS01

Manual Integrations
APPROVED

MMDadoda
8/25/2020 3:32:53 PM

Quant Time: Aug 25 03:27:45 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
Quant Title : SW846 8260
QLast Update : Fri Aug 21 13:36:12 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	54835	18.429	ug/l	99
94) Hexachlorobutadiene	15.27	225	36127	19.538	ug/l	96
95) Naphthalene	15.41	128	83588	17.886	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	48110	18.875	ug/l	100

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD082420\
 Data File : VD066374.D
 Acq On : 24 Aug 2020 12:01
 Operator : VA/SY
 Sample : VD0824SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0824SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/25/2020 3:32:53 PM

Quant Time: Aug 25 03:27:45 2020
 Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D082120S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 13:36:12 2020
 Response via : Initial Calibration

