

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066017.D
 Acq On : 23 Jul 2020 11:56
 Operator : VA/SY
 Sample : VD0723SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:59:48 PM

Quant Time: Jul 24 03:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	336771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	489048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	458460	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	239625	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	149090	54.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.82%	
35) Dibromofluoromethane	7.91	113	157380	53.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.12%	
50) Toluene-d8	10.34	98	603922	54.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.30%	
62) 4-Bromofluorobenzene	12.64	95	211138	55.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61810	24.185	ug/l	94
3) Chloromethane	2.21	50	47407	22.730	ug/l	96
4) Vinyl Chloride	2.35	62	45511	22.914	ug/l	99
5) Bromomethane	2.76	94	31767	19.703	ug/l	96
6) Chloroethane	2.91	64	27948	23.572	ug/l #	88
7) Trichlorofluoromethane	3.27	101	109821	22.732	ug/l	100
8) Diethyl Ether	3.71	74	28740	21.522	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	63963	21.927	ug/l	96
10) Methyl Iodide	4.30	142	66313	27.350	ug/l	95
11) Tert butyl alcohol	5.21	59	20386m	102.212	ug/l	
12) 1,1-Dichloroethene	4.07	96	62601	22.482	ug/l	96
13) Acrolein	3.92	56	20825	90.201	ug/l	100
14) Allyl chloride	4.71	41	91005	20.908	ug/l	94
15) Acrylonitrile	5.41	53	59483	104.266	ug/l	97
16) Acetone	4.15	43	56064	101.076	ug/l	94
17) Carbon Disulfide	4.40	76	193643	21.440	ug/l	99
18) Methyl Acetate	4.71	43	26996	20.922	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	125512	21.939	ug/l	97
20) Methylene Chloride	4.97	84	76142	23.239	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	69573	22.108	ug/l	97
22) Diisopropyl ether	6.36	45	180863	21.872	ug/l	97
23) Vinyl Acetate	6.30	43	507933	108.915	ug/l	97
24) 1,1-Dichloroethane	6.26	63	111044	22.163	ug/l	99
25) 2-Butanone	7.21	43	74062	100.628	ug/l	94
26) 2,2-Dichloropropane	7.20	77	104089	23.102	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	74392	22.327	ug/l	98
28) Bromochloromethane	7.55	49	40443	19.018	ug/l	90
29) Tetrahydrofuran	7.56	42	47236	104.017	ug/l	99
30) Chloroform	7.71	83	118336	22.579	ug/l	99
31) Cyclohexane	7.98	56	105914	21.487	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	112357	23.176	ug/l	100
36) 1,1-Dichloropropene	8.11	75	94980	22.756	ug/l	96
37) Ethyl Acetate	7.29	43	33576	21.064	ug/l	98
38) Carbon Tetrachloride	8.09	117	101313	22.371	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD072320\
 Data File : VD066017.D
 Acq On : 23 Jul 2020 11:56
 Operator : VA/SY
 Sample : VD0723SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0723SBS01

Manual Integrations
 APPROVED

MMDadoda
 7/24/2020 12:59:48 PM

Quant Time: Jul 24 03:44:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	113928	22.540	ug/l	99
40) Benzene	8.35	78	258020	22.097	ug/l	95
41) Methacrylonitrile	7.52	41	20211m	22.134	ug/l	
42) 1,2-Dichloroethane	8.43	62	71980	22.496	ug/l	100
43) Isopropyl Acetate	8.45	43	65635	21.082	ug/l	99
44) Trichloroethene	9.11	130	80273	22.717	ug/l	90
45) 1,2-Dichloropropane	9.39	63	62880	22.234	ug/l	100
46) Dibromomethane	9.47	93	33482	21.993	ug/l	96
47) Bromodichloromethane	9.66	83	89785	22.304	ug/l	98
48) Methyl methacrylate	9.46	41	33591	21.390	ug/l	98
49) 1,4-Dioxane	9.47	88	7676	435.196	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	169378	107.978	ug/l	99
52) Toluene	10.41	92	179216	23.535	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	85951	22.919	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	101027	22.223	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	47925	22.196	ug/l	93
56) Ethyl methacrylate	10.66	69	54882	21.862	ug/l	98
57) 1,3-Dichloropropane	10.95	76	80057	22.397	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	133742	111.525	ug/l	99
59) 2-Hexanone	10.99	43	115527	106.277	ug/l	96
60) Dibromochloromethane	11.14	129	66701	22.912	ug/l	98
61) 1,2-Dibromoethane	11.25	107	47940	23.028	ug/l	98
64) Tetrachloroethene	10.88	164	70296	22.591	ug/l	93
65) Chlorobenzene	11.67	112	188292	22.431	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	72745	23.470	ug/l	99
67) Ethyl Benzene	11.75	91	326431	22.597	ug/l	98
68) m/p-Xylenes	11.86	106	260108	46.847	ug/l	99
69) o-Xylene	12.18	106	119311	23.626	ug/l	97
70) Styrene	12.20	104	204575	23.577	ug/l	99
71) Bromoform	12.37	173	41547	22.884	ug/l	# 97
73) Isopropylbenzene	12.48	105	323413	22.305	ug/l	99
74) N-amyl acetate	12.29	43	64412	21.425	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	52124	21.752	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	29767m	16.498	ug/l	
77) Bromobenzene	12.77	156	84075	22.689	ug/l	97
78) n-propylbenzene	12.83	91	384675	22.863	ug/l	100
79) 2-Chlorotoluene	12.91	91	217141	22.589	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	276697	23.227	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	17366	22.086	ug/l	93
82) 4-Chlorotoluene	13.01	91	229565	22.626	ug/l	98
83) tert-Butylbenzene	13.23	119	242841	23.296	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	269362	22.919	ug/l	98
85) sec-Butylbenzene	13.41	105	325691	22.683	ug/l	98
86) p-Isopropyltoluene	13.53	119	318770	24.437	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	159973	23.252	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	155936	22.420	ug/l	98
89) n-Butylbenzene	13.85	91	274349	22.619	ug/l	99
90) Hexachloroethane	14.12	117	58167	21.540	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	134600	22.578	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8508	21.664	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD072320\
Data File : VD066017.D
Acq On : 23 Jul 2020 11:56
Operator : VA/SY
Sample : VD0723SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0723SBS01

Manual Integrations
APPROVED

MMDadoda
7/24/2020 12:59:48 PM

Quant Time: Jul 24 03:44:36 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
Quant Title : SW846 8260
QLast Update : Tue Jul 21 12:34:13 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	98129	22.931	ug/l	99
94) Hexachlorobutadiene	15.27	225	59367	22.440	ug/l	98
95) Naphthalene	15.41	128	147822	21.594	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	84699	22.768	ug/l	99

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

