

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067762.D
 Acq On : 24 Nov 2020 12:03
 Operator : VA/SY
 Sample : VD1124SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1124SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 2:01:56 PM

Quant Time: Nov 25 02:21:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	261588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	388106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	356546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	179602	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	137473	54.05	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.10%
35) Dibromofluoromethane	7.92	113	127468	51.61	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.22%
50) Toluene-d8	10.34	98	469616	52.01	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.02%
62) 4-Bromofluorobenzene	12.64	95	165381	53.58	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.16%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	46873	20.590	ug/l	95
3) Chloromethane	2.21	50	29480	23.261	ug/l	97
4) Vinyl Chloride	2.35	62	32306	20.343	ug/l	89
5) Bromomethane	2.76	94	31220	23.074	ug/l	95
6) Chloroethane	2.92	64	22262	21.034	ug/l #	86
7) Trichlorofluoromethane	3.27	101	103889	21.438	ug/l	96
8) Diethyl Ether	3.70	74	21096	21.561	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	49616	21.381	ug/l	99
10) Methyl Iodide	4.30	142	49822	20.976	ug/l	97
11) Tert butyl alcohol	5.19	59	24099m	166.295	ug/l	
12) 1,1-Dichloroethene	4.07	96	45120	21.013	ug/l	95
13) Acrolein	3.93	56	10903	103.420	ug/l	97
14) Allyl chloride	4.71	41	44943	21.652	ug/l	97
15) Acrylonitrile	5.43	53	36409	106.842	ug/l	93
16) Acetone	4.16	43	33184	100.992	ug/l	91
17) Carbon Disulfide	4.41	76	132533	21.340	ug/l	96
18) Methyl Acetate	4.71	43	14822	22.422	ug/l	93
19) Methyl tert-butyl Ether	5.47	73	99000	21.573	ug/l	100
20) Methylene Chloride	4.96	84	54323	17.077	ug/l #	90
21) trans-1,2-Dichloroethene	5.47	96	52793	21.626	ug/l	93
22) Diisopropyl ether	6.36	45	92517	22.580	ug/l	92
23) Vinyl Acetate	6.31	43	258295	111.757	ug/l	97
24) 1,1-Dichloroethane	6.27	63	77677	22.361	ug/l	96
25) 2-Butanone	7.22	43	38954	105.647	ug/l	98
26) 2,2-Dichloropropane	7.21	77	88842	21.679	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	57421	22.067	ug/l	99
28) Bromochloromethane	7.55	49	23439	21.065	ug/l	99
29) Tetrahydrofuran	7.57	42	23259	110.948	ug/l	94
30) Chloroform	7.71	83	98427	21.668	ug/l	99
31) Cyclohexane	7.99	56	63964	20.784	ug/l	95
32) 1,1,1-Trichloroethane	7.91	97	99062	20.592	ug/l	99
36) 1,1-Dichloropropene	8.11	75	70518	21.174	ug/l	99
37) Ethyl Acetate	7.30	43	20102	22.447	ug/l	94
38) Carbon Tetrachloride	8.10	117	98487	20.401	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
 Data File : VD067762.D
 Acq On : 24 Nov 2020 12:03
 Operator : VA/SY
 Sample : VD1124SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1124SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 2:01:56 PM

Quant Time: Nov 25 02:21:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	81374	20.647	ug/l	93
40) Benzene	8.36	78	195703	21.396	ug/l	97
41) Methacrylonitrile	7.54	41	12571m	27.491	ug/l	
42) 1,2-Dichloroethane	8.43	62	65161	20.996	ug/l	97
43) Isopropyl Acetate	8.46	43	36415	20.362	ug/l	96
44) Trichloroethene	9.12	130	63413	20.918	ug/l	94
45) 1,2-Dichloropropane	9.39	63	41329	22.021	ug/l	97
46) Dibromomethane	9.48	93	26888	21.043	ug/l	95
47) Bromodichloromethane	9.67	83	74673	20.986	ug/l	98
48) Methyl methacrylate	9.46	41	17537	19.615	ug/l	91
49) 1,4-Dioxane	9.46	88	5575	402.601	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	89265	106.076	ug/l	99
52) Toluene	10.41	92	134595	21.691	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	64865	20.866	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	75692	21.515	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	36986	21.573	ug/l	97
56) Ethyl methacrylate	10.67	69	37201	20.958	ug/l	97
57) 1,3-Dichloropropane	10.95	76	58939	21.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	77275	93.173	ug/l	97
59) 2-Hexanone	10.99	43	61873	104.139	ug/l	99
60) Dibromochloromethane	11.14	129	56555	21.647	ug/l	98
61) 1,2-Dibromoethane	11.25	107	35810	21.198	ug/l	92
64) Tetrachloroethene	10.88	164	56492	20.414	ug/l	92
65) Chlorobenzene	11.67	112	151908	21.677	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	61783	21.796	ug/l	97
67) Ethyl Benzene	11.75	91	257175	21.258	ug/l	96
68) m/p-Xylenes	11.86	106	202507	43.015	ug/l	98
69) o-Xylene	12.18	106	93958	21.920	ug/l	98
70) Styrene	12.20	104	160920	22.041	ug/l	98
71) Bromoform	12.36	173	31423	20.420	ug/l	# 95
73) Isopropylbenzene	12.48	105	251490	21.282	ug/l	97
74) N-amyl acetate	12.29	43	32946	21.141	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	33663	21.226	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	26836m	21.439	ug/l	
77) Bromobenzene	12.77	156	63809	21.571	ug/l	98
78) n-propylbenzene	12.83	91	287520	21.870	ug/l	100
79) 2-Chlorotoluene	12.91	91	166813	21.431	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	224221	21.815	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	11556	21.593	ug/l	99
82) 4-Chlorotoluene	13.01	91	179691	21.665	ug/l	100
83) tert-Butylbenzene	13.23	119	194987	22.077	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	224519	21.867	ug/l	98
85) sec-Butylbenzene	13.40	105	250678	21.605	ug/l	99
86) p-Isopropyltoluene	13.52	119	245945	21.885	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	121944	21.300	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	123413	21.762	ug/l	100
89) n-Butylbenzene	13.84	91	201884	20.963	ug/l	99
90) Hexachloroethane	14.11	117	44218	20.669	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	104317	21.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6812	19.923	ug/l	91

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112420\
Data File : VD067762.D
Acq On : 24 Nov 2020 12:03
Operator : VA/SY
Sample : VD1124SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1124SBSD01

Manual Integrations
APPROVED

MMDadoda
11/25/2020 2:01:56 PM

Quant Time: Nov 25 02:21:06 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
Quant Title : SW846 8260
QLast Update : Tue Nov 24 00:51:35 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	71455	20.463	ug/l	99
94) Hexachlorobutadiene	15.27	225	47843	21.444	ug/l	96
95) Naphthalene	15.40	128	115783	20.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	61511	20.680	ug/l	98

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

