

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067387.D
 Acq On : 26 Oct 2020 12:50
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1026SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 11:45:52 AM

Quant Time: Oct 27 01:12:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	299149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	457722	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	421856	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	215423	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	151802	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	
35) Dibromofluoromethane	7.92	113	155660	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
50) Toluene-d8	10.34	98	557229	50.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.10%	
62) 4-Bromofluorobenzene	12.64	95	199165	51.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52010	18.944	ug/l	90
3) Chloromethane	2.21	50	37831	20.094	ug/l	96
4) Vinyl Chloride	2.35	62	38807	18.786	ug/l	99
5) Bromomethane	2.76	94	31759	20.717	ug/l	100
6) Chloroethane	2.91	64	25411	19.752	ug/l	99
7) Trichlorofluoromethane	3.27	101	111503	21.436	ug/l	96
8) Diethyl Ether	3.71	74	25744	21.629	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.09	101	58129	21.034	ug/l	99
10) Methyl Iodide	4.30	142	53419	20.954	ug/l	98
11) Tert butyl alcohol	5.21	59	17531	81.839	ug/l #	91
12) 1,1-Dichloroethene	4.07	96	52261	21.167	ug/l	92
13) Acrolein	3.93	56	9019	67.653	ug/l	100
14) Allyl chloride	4.71	41	57308	20.269	ug/l	100
15) Acrylonitrile	5.43	53	44176	111.229	ug/l	100
16) Acetone	4.16	43	44950	107.092	ug/l #	86
17) Carbon Disulfide	4.41	76	135821	19.297	ug/l	96
18) Methyl Acetate	4.72	43	21169	22.112	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	105125	21.414	ug/l	92
20) Methylene Chloride	4.97	84	60914	19.960	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	59557	20.962	ug/l	97
22) Diisopropyl ether	6.37	45	113631	22.000	ug/l	94
23) Vinyl Acetate	6.30	43	318166	108.277	ug/l	99
24) 1,1-Dichloroethane	6.27	63	94775	21.436	ug/l	99
25) 2-Butanone	7.21	43	51716	108.090	ug/l	97
26) 2,2-Dichloropropane	7.21	77	99244	21.778	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	65411	21.006	ug/l	96
28) Bromochloromethane	7.55	49	29947	19.858	ug/l	98
29) Tetrahydrofuran	7.57	42	29541	111.072	ug/l	94
30) Chloroform	7.71	83	114853	21.746	ug/l	94
31) Cyclohexane	7.99	56	69990	20.276	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	111120	21.443	ug/l	97
36) 1,1-Dichloropropene	8.12	75	80230	20.680	ug/l	99
37) Ethyl Acetate	7.30	43	24359	21.341	ug/l	95
38) Carbon Tetrachloride	8.10	117	105631	21.304	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD102620\
 Data File : VD067387.D
 Acq On : 26 Oct 2020 12:50
 Operator : VA/SY
 Sample : VD1026SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD1026SBS01

Manual Integrations
 APPROVED

MMDadoda
 10/27/2020 11:45:52 AM

Quant Time: Oct 27 01:12:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 19:13:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	83306	20.540	ug/l	98
40) Benzene	8.36	78	223237	20.975	ug/l	96
41) Methacrylonitrile	7.53	41	15117m	24.509	ug/l	
42) 1,2-Dichloroethane	8.43	62	71628	21.505	ug/l	99
43) Isopropyl Acetate	8.46	43	47555	20.997	ug/l	99
44) Trichloroethene	9.11	130	72733	21.344	ug/l	91
45) 1,2-Dichloropropane	9.39	63	51248	20.777	ug/l	92
46) Dibromomethane	9.48	93	32697	21.276	ug/l	93
47) Bromodichloromethane	9.67	83	89948	21.845	ug/l	88
48) Methyl methacrylate	9.46	41	21816	19.821	ug/l	95
49) 1,4-Dioxane	9.47	88	6513	420.326	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	123728	109.528	ug/l	98
52) Toluene	10.41	92	160303	22.114	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	78851	21.800	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	89619	21.171	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	44691	21.326	ug/l #	91
56) Ethyl methacrylate	10.66	69	47614	21.907	ug/l	97
57) 1,3-Dichloropropane	10.95	76	73487	22.035	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	121437	108.916	ug/l	99
59) 2-Hexanone	10.99	43	83304	107.918	ug/l	99
60) Dibromochloromethane	11.15	129	66878	21.883	ug/l	98
61) 1,2-Dibromoethane	11.25	107	43537	21.073	ug/l	97
64) Tetrachloroethene	10.88	164	65267	21.354	ug/l	92
65) Chlorobenzene	11.67	112	173180	21.408	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	70600	21.959	ug/l	98
67) Ethyl Benzene	11.75	91	297871	21.481	ug/l	100
68) m/p-Xylenes	11.86	106	236804	44.346	ug/l	97
69) o-Xylene	12.18	106	103687	20.969	ug/l	96
70) Styrene	12.20	104	182291	21.415	ug/l	98
71) Bromoform	12.37	173	38122	22.071	ug/l #	97
73) Isopropylbenzene	12.48	105	295160	21.588	ug/l	100
74) N-amyl acetate	12.30	43	43250	20.945	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	43427	20.730	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	28462m	19.063	ug/l	
77) Bromobenzene	12.77	156	73950	21.695	ug/l	98
78) n-propylbenzene	12.83	91	339133	21.409	ug/l	99
79) 2-Chlorotoluene	12.91	91	195951	21.330	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	259204	21.817	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	14301	21.720	ug/l	95
82) 4-Chlorotoluene	13.01	91	214613	22.011	ug/l	99
83) tert-Butylbenzene	13.23	119	219398	21.861	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	258440	22.008	ug/l	99
85) sec-Butylbenzene	13.41	105	289778	21.043	ug/l	98
86) p-Isopropyltoluene	13.52	119	281754	21.677	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	141586	21.581	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	139348	21.438	ug/l	97
89) n-Butylbenzene	13.85	91	239858	20.976	ug/l	99
90) Hexachloroethane	14.11	117	48346	21.314	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	124160	21.663	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7708	20.253	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD102620\
Data File : VD067387.D
Acq On : 26 Oct 2020 12:50
Operator : VA/SY
Sample : VD1026SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1026SBSD01

Manual Integrations
APPROVED

MMDadoda
10/27/2020 11:45:52 AM

Quant Time: Oct 27 01:12:53 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D101320S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 19 19:13:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85109	22.025	ug/l	98
94) Hexachlorobutadiene	15.27	225	52064	21.696	ug/l	99
95) Naphthalene	15.41	128	136270	21.478	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	75574	22.638	ug/l	97

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

