

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067485.D
 Acq On : 02 Nov 2020 12:21
 Operator : VA/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:17:30 PM

Quant Time: Nov 02 15:28:59 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	7.98	168	285422	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	416321	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	383559	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193963	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	140942	49.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.58%	
35) Dibromofluoromethane	7.92	113	147700	53.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.62%	
50) Toluene-d8	10.34	98	517518	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	12.64	95	185160	53.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	47566	17.959	ug/l	92
3) Chloromethane	2.21	50	34587	19.255	ug/l	95
4) Vinyl Chloride	2.36	62	38012	19.286	ug/l	97
5) Bromomethane	2.76	94	29993	20.481	ug/l	91
6) Chloroethane	2.93	64	24234	19.743	ug/l	93
7) Trichlorofluoromethane	3.28	101	105855	21.329	ug/l	92
8) Diethyl Ether	3.71	74	22617	19.915	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	55890	21.196	ug/l	99
10) Methyl Iodide	4.30	142	51240	21.066	ug/l	100
11) Tert butyl alcohol	5.21	59	13944	58.947	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	47814	20.298	ug/l	90
13) Acrolein	3.93	56	6765	57.818	ug/l	92
14) Allyl chloride	4.71	41	54111	20.059	ug/l	99
15) Acrylonitrile	5.43	53	37134	97.995	ug/l	98
16) Acetone	4.17	43	40061	100.034	ug/l	93
17) Carbon Disulfide	4.41	76	121654	18.116	ug/l	98
18) Methyl Acetate	4.73	43	17773	19.457	ug/l	99
19) Methyl tert-butyl Ether	5.49	73	93558	19.974	ug/l	97
20) Methylene Chloride	4.97	84	61445	21.384	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	57138	21.078	ug/l	99
22) Diisopropyl ether	6.37	45	103216	20.945	ug/l	94
23) Vinyl Acetate	6.31	43	273362	97.503	ug/l	95
24) 1,1-Dichloroethane	6.27	63	87364	20.710	ug/l	96
25) 2-Butanone	7.21	43	43734	95.803	ug/l	92
26) 2,2-Dichloropropane	7.21	77	96007	22.081	ug/l	100
27) cis-1,2-Dichloroethene	7.22	96	61367	20.655	ug/l	97
28) Bromochloromethane	7.55	49	27163	18.878	ug/l #	98
29) Tetrahydrofuran	7.56	42	22448	88.462	ug/l	90
30) Chloroform	7.71	83	109113	21.653	ug/l	97
31) Cyclohexane	7.99	56	65584	19.913	ug/l #	93
32) 1,1,1-Trichloroethane	7.91	97	107486	21.739	ug/l	98
36) 1,1-Dichloropropene	8.11	75	75438	21.379	ug/l	99
37) Ethyl Acetate	7.30	43	18733	18.044	ug/l #	71
38) Carbon Tetrachloride	8.10	117	105337	23.357	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110220\
 Data File : VD067485.D
 Acq On : 02 Nov 2020 12:21
 Operator : VA/SY
 Sample : VD1102SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1102SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/3/2020 2:17:30 PM

Quant Time: Nov 02 15:28:59 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	76400	20.711	ug/l	97
40) Benzene	8.36	78	214286	22.136	ug/l	98
41) Methacrylonitrile	7.54	41	12885	22.967	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	66485	21.946	ug/l	98
43) Isopropyl Acetate	8.46	43	40477	19.649	ug/l	96
44) Trichloroethene	9.11	130	67403	21.747	ug/l	92
45) 1,2-Dichloropropane	9.40	63	45650	20.348	ug/l	95
46) Dibromomethane	9.48	93	28861	20.647	ug/l	96
47) Bromodichloromethane	9.67	83	80160	21.404	ug/l	98
48) Methyl methacrylate	9.46	41	19412	19.391	ug/l	98
49) 1,4-Dioxane	9.47	88	5821	412.481	ug/l #	92
51) 4-Methyl-2-Pentanone	10.23	43	100607	97.917	ug/l	96
52) Toluene	10.41	92	146219	22.177	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	70465	21.419	ug/l #	88
54) cis-1,3-Dichloropropene	10.10	75	82465	21.419	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	40010	20.991	ug/l	95
56) Ethyl methacrylate	10.67	69	40065	20.267	ug/l	98
57) 1,3-Dichloropropane	10.96	76	63423	20.908	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.95	63	103088	101.653	ug/l	97
59) 2-Hexanone	10.99	43	65904	93.867	ug/l	93
60) Dibromochloromethane	11.15	129	60121	21.628	ug/l	99
61) 1,2-Dibromoethane	11.25	107	38981	20.744	ug/l	99
64) Tetrachloroethene	10.88	164	60489	21.766	ug/l	92
65) Chlorobenzene	11.68	112	163204	22.189	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	65813	22.513	ug/l	98
67) Ethyl Benzene	11.75	91	277914	22.042	ug/l	97
68) m/p-Xylenes	11.86	106	221324	45.585	ug/l	96
69) o-Xylene	12.18	106	98028	21.804	ug/l	98
70) Styrene	12.20	104	174788	22.584	ug/l	99
71) Bromoform	12.37	173	33126	21.093	ug/l #	99
73) Isopropylbenzene	12.48	105	283711	23.047	ug/l	100
74) N-amyl acetate	12.30	43	36940	19.868	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	39786	21.093	ug/l	97
76) 1,2,3-Trichloropropane	12.79	75	30603m	22.764	ug/l	
77) Bromobenzene	12.77	156	69400	22.613	ug/l	98
78) n-propylbenzene	12.83	91	323227	22.662	ug/l	100
79) 2-Chlorotoluene	12.91	91	183665	22.205	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	243930	22.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	12772	21.544	ug/l	93
82) 4-Chlorotoluene	13.01	91	202232	23.036	ug/l	99
83) tert-Butylbenzene	13.23	119	207114	22.920	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	243644	23.044	ug/l	100
85) sec-Butylbenzene	13.41	105	284074	22.911	ug/l	100
86) p-Isopropyltoluene	13.52	119	270110	23.080	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	134465	22.763	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	133118	22.745	ug/l	99
89) n-Butylbenzene	13.85	91	231913	22.525	ug/l	99
90) Hexachloroethane	14.12	117	45991	22.520	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	116154	22.508	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6745	19.684	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110220\
Data File : VD067485.D
Acq On : 02 Nov 2020 12:21
Operator : VA/SY
Sample : VD1102SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD1102SBS01

Manual Integrations
APPROVED

MMDadoda
11/3/2020 2:17:30 PM

Quant Time: Nov 02 15:28:59 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	77264	22.207	ug/l	99
94) Hexachlorobutadiene	15.27	225	50358	23.307	ug/l	97
95) Naphthalene	15.41	128	116201	20.342	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	63997	21.291	ug/l	99

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

