

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066827.D
 Acq On : 23 Sep 2020 11:49
 Operator : VA/SY
 Sample : VD0923SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0923SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:36:49 PM

Quant Time: Sep 23 15:55:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406187	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	633008	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	581175	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	272452	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	188599	47.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.88%	
35) Dibromofluoromethane	7.91	113	192213	47.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.46%	
50) Toluene-d8	10.34	98	696941	50.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.58%	
62) 4-Bromofluorobenzene	12.63	95	235165	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	78444	24.759	ug/l	96
3) Chloromethane	2.21	50	80451	21.557	ug/l	99
4) Vinyl Chloride	2.35	62	78760	21.362	ug/l	95
5) Bromomethane	2.76	94	52579	20.289	ug/l	92
6) Chloroethane	2.92	64	46774	20.429	ug/l #	80
7) Trichlorofluoromethane	3.27	101	158719	20.961	ug/l	99
8) Diethyl Ether	3.70	74	38203	19.873	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	91076	20.743	ug/l	98
10) Methyl Iodide	4.30	142	90768	23.427	ug/l	98
11) Tert butyl alcohol	5.22	59	22381	56.107	ug/l #	88
12) 1,1-Dichloroethene	4.06	96	81150	20.402	ug/l	97
13) Acrolein	3.92	56	27487	93.723	ug/l	96
14) Allyl chloride	4.71	41	113510	19.435	ug/l	99
15) Acrylonitrile	5.43	53	76451	89.741	ug/l	98
16) Acetone	4.16	43	65729	77.937	ug/l	89
17) Carbon Disulfide	4.41	76	255490	21.010	ug/l	98
18) Methyl Acetate	4.71	43	36755	17.148	ug/l #	76
19) Methyl tert-butyl Ether	5.49	73	165415	19.150	ug/l	97
20) Methylene Chloride	4.97	84	103750	19.209	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	93785	20.364	ug/l	96
22) Diisopropyl ether	6.36	45	247034	20.571	ug/l	99
23) Vinyl Acetate	6.31	43	561147	87.819	ug/l	98
24) 1,1-Dichloroethane	6.26	63	160524	19.981	ug/l	99
25) 2-Butanone	7.21	43	93832	92.583	ug/l	99
26) 2,2-Dichloropropane	7.21	77	147237	19.996	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	105114	21.006	ug/l	97
28) Bromochloromethane	7.54	49	65415	19.710	ug/l	94
29) Tetrahydrofuran	7.56	42	59093	90.997	ug/l	98
30) Chloroform	7.71	83	174962	20.204	ug/l	97
31) Cyclohexane	7.98	56	141853	19.624	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	161895	20.666	ug/l	99
36) 1,1-Dichloropropene	8.10	75	134920	21.484	ug/l	99
37) Ethyl Acetate	7.29	43	42806	18.855	ug/l	96
38) Carbon Tetrachloride	8.10	117	142474	20.751	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092320\
 Data File : VD066827.D
 Acq On : 23 Sep 2020 11:49
 Operator : VA/SY
 Sample : VD0923SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0923SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/24/2020 1:36:49 PM

Quant Time: Sep 23 15:55:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 23 01:34:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	152435	21.141	ug/l	96
40) Benzene	8.34	78	368136	21.034	ug/l	97
41) Methacrylonitrile	7.53	41	26959m	19.310	ug/l	
42) 1,2-Dichloroethane	8.42	62	102576	19.825	ug/l	97
43) Isopropyl Acetate	8.45	43	84057	19.204	ug/l	100
44) Trichloroethene	9.11	130	105515	21.151	ug/l	93
45) 1,2-Dichloropropane	9.38	63	91991	20.890	ug/l	100
46) Dibromomethane	9.47	93	47603	19.896	ug/l	97
47) Bromodichloromethane	9.66	83	133258	20.734	ug/l	98
48) Methyl methacrylate	9.45	41	43699	20.250	ug/l	94
49) 1,4-Dioxane	9.46	88	11518	357.874	ug/l	88
51) 4-Methyl-2-Pentanone	10.23	43	213534	96.281	ug/l	98
52) Toluene	10.40	92	235929	20.927	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	107831	19.712	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	131018	19.642	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	64466	19.600	ug/l	98
56) Ethyl methacrylate	10.66	69	65883	18.698	ug/l	97
57) 1,3-Dichloropropane	10.94	76	110718	20.386	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	193657	116.076	ug/l	99
59) 2-Hexanone	10.98	43	145059	96.988	ug/l	98
60) Dibromochloromethane	11.14	129	86907	20.245	ug/l	99
61) 1,2-Dibromoethane	11.24	107	62443	20.411	ug/l	99
64) Tetrachloroethene	10.87	164	92700	22.175	ug/l	98
65) Chlorobenzene	11.67	112	251734	20.809	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	93807	20.488	ug/l	100
67) Ethyl Benzene	11.74	91	443717	20.884	ug/l	96
68) m/p-Xylenes	11.85	106	342726	42.604	ug/l	99
69) o-Xylene	12.18	106	150129	20.639	ug/l	97
70) Styrene	12.19	104	264426	20.933	ug/l	100
71) Bromoform	12.36	173	45876	19.789	ug/l #	98
73) Isopropylbenzene	12.48	105	418972	21.287	ug/l	99
74) N-amyl acetate	12.28	43	74172	19.298	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	69260	20.393	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	51761m	22.925	ug/l	
77) Bromobenzene	12.76	156	97422	21.164	ug/l	97
78) n-propylbenzene	12.82	91	516141	21.798	ug/l	100
79) 2-Chlorotoluene	12.91	91	283281	20.994	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	361038	21.619	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15775	17.480	ug/l	97
82) 4-Chlorotoluene	13.00	91	309518	21.761	ug/l	97
83) tert-Butylbenzene	13.23	119	299034	21.791	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	360861	21.791	ug/l	98
85) sec-Butylbenzene	13.40	105	418454	21.205	ug/l	100
86) p-Isopropyltoluene	13.52	119	386721	21.741	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	193000	21.222	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	188675	20.889	ug/l	98
89) n-Butylbenzene	13.84	91	351792	20.807	ug/l	99
90) Hexachloroethane	14.11	117	70687	19.574	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	164632	21.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10844	19.849	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092320\
Data File : VD066827.D
Acq On : 23 Sep 2020 11:49
Operator : VA/SY
Sample : VD0923SBSD01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0923SBSD01

Manual Integrations
APPROVED

MMDadoda
9/24/2020 1:36:49 PM

Quant Time: Sep 23 15:55:30 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D092220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 23 01:34:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	101126	20.647	ug/l	98
94) Hexachlorobutadiene	15.27	225	61777	21.048	ug/l	98
95) Naphthalene	15.40	128	158248	19.031	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	85383	20.197	ug/l	98

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

