

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066782.D
 Acq On : 21 Sep 2020 14:59
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0921SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:09:47 PM

Quant Time: Sep 22 01:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	416205	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	695002	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	633538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	292834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	215825	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
35) Dibromofluoromethane	7.91	113	213673	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
50) Toluene-d8	10.34	98	764381	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
62) 4-Bromofluorobenzene	12.63	95	264936	50.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	72592	20.799	ug/l	94
3) Chloromethane	2.21	50	82343	18.181	ug/l	95
4) Vinyl Chloride	2.35	62	82454	17.395	ug/l #	87
5) Bromomethane	2.76	94	59351	17.651	ug/l	96
6) Chloroethane	2.92	64	49776	16.856	ug/l	91
7) Trichlorofluoromethane	3.27	101	156426	19.106	ug/l	99
8) Diethyl Ether	3.70	74	40019	19.520	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	84995	18.890	ug/l	96
10) Methyl Iodide	4.30	142	86351	20.227	ug/l	100
11) Tert butyl alcohol	5.21	59	35752m	76.332	ug/l	
12) 1,1-Dichloroethene	4.07	96	79115	18.997	ug/l	90
13) Acrolein	3.93	56	25606	81.759	ug/l	99
14) Allyl chloride	4.71	41	123727	18.499	ug/l	97
15) Acrylonitrile	5.42	53	86397	96.199	ug/l	99
16) Acetone	4.16	43	75404	83.385	ug/l	98
17) Carbon Disulfide	4.41	76	258238	19.733	ug/l	98
18) Methyl Acetate	4.71	43	41587	19.335	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	184851	19.928	ug/l	96
20) Methylene Chloride	4.97	84	110364	17.991	ug/l #	92
21) trans-1,2-Dichloroethene	5.47	96	95575	19.698	ug/l	95
22) Diisopropyl ether	6.36	45	262744	19.334	ug/l	96
23) Vinyl Acetate	6.30	43	626164	82.834	ug/l	97
24) 1,1-Dichloroethane	6.26	63	168364	19.523	ug/l	98
25) 2-Butanone	7.21	43	100010	84.933	ug/l	93
26) 2,2-Dichloropropane	7.20	77	146712	18.398	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	103014	19.407	ug/l	95
28) Bromochloromethane	7.55	49	72142	22.397	ug/l	92
29) Tetrahydrofuran	7.56	42	65615	91.076	ug/l	91
30) Chloroform	7.71	83	180733	19.692	ug/l	100
31) Cyclohexane	7.98	56	145184	18.509	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	159240	18.960	ug/l	99
36) 1,1-Dichloropropene	8.11	75	130360	18.243	ug/l	98
37) Ethyl Acetate	7.28	43	46788	17.296	ug/l #	96
38) Carbon Tetrachloride	8.09	117	139583	18.395	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD092120\
 Data File : VD066782.D
 Acq On : 21 Sep 2020 14:59
 Operator : VA/SY
 Sample : VD0921SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VD0921SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/22/2020 2:09:47 PM

Quant Time: Sep 22 01:10:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 15 16:35:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	153302	18.756	ug/l	95
40) Benzene	8.35	78	378659	19.587	ug/l	97
41) Methacrylonitrile	7.53	41	30184m	21.076	ug/l	
42) 1,2-Dichloroethane	8.43	62	114074	19.047	ug/l	98
43) Isopropyl Acetate	8.45	43	92367	18.141	ug/l	97
44) Trichloroethene	9.11	130	105879	20.484	ug/l	93
45) 1,2-Dichloropropane	9.38	63	94611	19.797	ug/l	96
46) Dibromomethane	9.47	93	51600	19.648	ug/l	99
47) Bromodichloromethane	9.66	83	139036	19.429	ug/l	98
48) Methyl methacrylate	9.46	41	43720	16.881	ug/l #	82
49) 1,4-Dioxane	9.46	88	12150	431.902	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	236132	90.080	ug/l	99
52) Toluene	10.40	92	243744	19.682	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	116428	18.213	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	138429	18.231	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	68741	19.853	ug/l	89
56) Ethyl methacrylate	10.66	69	74721	19.016	ug/l	94
57) 1,3-Dichloropropane	10.94	76	116421	19.159	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	207385	120.174	ug/l	95
59) 2-Hexanone	10.98	43	156984	89.128	ug/l	99
60) Dibromochloromethane	11.13	129	90072	19.964	ug/l	99
61) 1,2-Dibromoethane	11.24	107	66694	20.080	ug/l	99
64) Tetrachloroethene	10.87	164	87803	20.302	ug/l	96
65) Chlorobenzene	11.67	112	250251	19.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	96413	19.921	ug/l	97
67) Ethyl Benzene	11.74	91	443419	18.663	ug/l	99
68) m/p-Xylenes	11.85	106	343982	38.307	ug/l	98
69) o-Xylene	12.18	106	152424	19.208	ug/l	97
70) Styrene	12.19	104	274603	19.662	ug/l	99
71) Bromoform	12.36	173	47713	19.645	ug/l #	98
73) Isopropylbenzene	12.48	105	420763	19.247	ug/l	100
74) N-amyl acetate	12.28	43	80231	17.398	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.73	83	72693	19.569	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	51851m	20.686	ug/l	
77) Bromobenzene	12.76	156	99430	19.734	ug/l	97
78) n-propylbenzene	12.82	91	502179	18.844	ug/l	99
79) 2-Chlorotoluene	12.91	91	289450	19.209	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	352738	19.084	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	17722	15.259	ug/l	92
82) 4-Chlorotoluene	13.01	91	315487	19.801	ug/l	100
83) tert-Butylbenzene	13.23	119	288001	18.904	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	358237	19.393	ug/l	97
85) sec-Butylbenzene	13.40	105	412526	18.888	ug/l	100
86) p-Isopropyltoluene	13.52	119	382704	19.274	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	194922	20.165	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	186215	19.345	ug/l	99
89) n-Butylbenzene	13.84	91	352626	18.677	ug/l	98
90) Hexachloroethane	14.11	117	74517	18.269	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	164541	19.865	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11715	19.509	ug/l	94

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD092120\
Data File : VD066782.D
Acq On : 21 Sep 2020 14:59
Operator : VA/SY
Sample : VD0921SBS01
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0921SBS01

Manual Integrations
APPROVED

MMDadoda
9/22/2020 2:09:47 PM

Quant Time: Sep 22 01:10:50 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D091520S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 15 16:35:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	102795	20.519	ug/l	98
94) Hexachlorobutadiene	15.27	225	57802	19.151	ug/l	95
95) Naphthalene	15.40	128	166174	18.985	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	86878	19.855	ug/l	99

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

