

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066516.D
 Acq On : 02 Sep 2020 11:49
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:11 PM

Quant Time: Sep 02 14:14:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	177496	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	240046	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	220150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	117152	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	17173	9.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.00%	
35) Dibromofluoromethane	7.91	113	13630	9.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.88%	
50) Toluene-d8	10.34	98	50952	9.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.80%	
62) 4-Bromofluorobenzene	12.63	95	19567	10.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	20.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	16257	10.736	ug/l	99
3) Chloromethane	2.21	50	9042	9.933	ug/l #	85
4) Vinyl Chloride	2.35	62	11842	10.668	ug/l	99
5) Bromomethane	2.77	94	9235	10.179	ug/l	93
6) Chloroethane	2.91	64	8075	10.812	ug/l	95
7) Trichlorofluoromethane	3.27	101	34636	10.236	ug/l	100
8) Diethyl Ether	3.70	74	6478	10.214	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	14209	10.083	ug/l	98
10) Methyl Iodide	4.30	142	13776	8.816	ug/l	97
11) Tert butyl alcohol	5.20	59	8030m	57.742	ug/l	
12) 1,1-Dichloroethene	4.07	96	13018	9.830	ug/l #	84
13) Acrolein	3.92	56	3223	51.982	ug/l	86
14) Allyl chloride	4.71	41	14254	9.629	ug/l	97
15) Acrylonitrile	5.42	53	12194	53.615	ug/l	92
16) Acetone	4.16	43	14435	51.132	ug/l #	82
17) Carbon Disulfide	4.40	76	38787	10.135	ug/l	99
18) Methyl Acetate	4.71	43	4594	10.125	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	33564	9.713	ug/l	96
20) Methylene Chloride	4.97	84	18005	10.928	ug/l #	94
21) trans-1,2-Dichloroethene	5.47	96	14645	9.668	ug/l #	85
22) Diisopropyl ether	6.36	45	30310	10.216	ug/l #	96
23) Vinyl Acetate	6.30	43	94823	49.714	ug/l	97
24) 1,1-Dichloroethane	6.27	63	23887	10.251	ug/l	95
25) 2-Butanone	7.20	43	14513	49.669	ug/l	95
26) 2,2-Dichloropropane	7.20	77	30950	10.483	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	16310	9.929	ug/l	98
28) Bromochloromethane	7.54	49	5908	8.764	ug/l #	95
29) Tetrahydrofuran	7.57	42	7160	47.668	ug/l	89
30) Chloroform	7.71	83	30480	10.130	ug/l	96
31) Cyclohexane	7.98	56	21684	10.771	ug/l #	83
32) 1,1,1-Trichloroethane	7.90	97	33887	10.113	ug/l	96
36) 1,1-Dichloropropene	8.11	75	21069	10.013	ug/l	98
37) Ethyl Acetate	7.29	43	7482	11.845	ug/l #	95
38) Carbon Tetrachloride	8.09	117	32846	10.247	ug/l	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090220\
 Data File : VD066516.D
 Acq On : 02 Sep 2020 11:49
 Operator : VA/SY
 Sample : VSTDIC010
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 9/3/2020 4:57:11 PM

Quant Time: Sep 02 14:14:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 02 14:03:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	26034	10.590	ug/l	89
40) Benzene	8.35	78	54048	9.957	ug/l	98
41) Methacrylonitrile	7.53	41	3726	10.361	ug/l #	73
42) 1,2-Dichloroethane	8.42	62	23611	10.282	ug/l	98
43) Isopropyl Acetate	8.44	43	13254	10.017	ug/l	98
44) Trichloroethene	9.11	130	19126	10.208	ug/l	94
45) 1,2-Dichloropropane	9.38	63	10531	9.778	ug/l	88
46) Dibromomethane	9.47	93	7405	9.391	ug/l	88
47) Bromodichloromethane	9.66	83	23064	9.842	ug/l	100
48) Methyl methacrylate	9.45	41	6808	10.096	ug/l	93
49) 1,4-Dioxane	9.45	88	1818	197.158	ug/l #	74
51) 4-Methyl-2-Pentanone	10.22	43	29553	48.573	ug/l	95
52) Toluene	10.40	92	38205	9.895	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	21596	10.086	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	22992	10.193	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	10124	10.161	ug/l	91
56) Ethyl methacrylate	10.66	69	11912	10.159	ug/l	94
57) 1,3-Dichloropropane	10.95	76	16662	10.127	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	24066	52.578	ug/l	94
59) 2-Hexanone	10.98	43	23154	52.693	ug/l	96
60) Dibromochloromethane	11.14	129	16486	10.006	ug/l	99
61) 1,2-Dibromoethane	11.24	107	10251	10.094	ug/l	93
64) Tetrachloroethene	10.87	164	17602	10.255	ug/l	94
65) Chlorobenzene	11.67	112	43535	10.051	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.74	131	18637	10.170	ug/l	97
67) Ethyl Benzene	11.74	91	78306	10.263	ug/l	96
68) m/p-Xylenes	11.85	106	58645	19.866	ug/l	97
69) o-Xylene	12.18	106	27478	9.827	ug/l	100
70) Styrene	12.19	104	49854	10.414	ug/l	95
71) Bromoform	12.36	173	9632	9.583	ug/l #	86
73) Isopropylbenzene	12.48	105	80115	10.234	ug/l	99
74) N-amyl acetate	12.29	43	12040	10.200	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	10013	10.825	ug/l	91
76) 1,2,3-Trichloropropane	12.78	75	7480m	10.109	ug/l	
77) Bromobenzene	12.76	156	20352	10.245	ug/l	97
78) n-propylbenzene	12.83	91	85186	9.986	ug/l	100
79) 2-Chlorotoluene	12.91	91	49072	9.942	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	69830	10.260	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.53	75	3379	10.210	ug/l	90
82) 4-Chlorotoluene	13.01	91	53036	10.004	ug/l	99
83) tert-Butylbenzene	13.23	119	58135	9.739	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	69499	10.210	ug/l	99
85) sec-Butylbenzene	13.40	105	78455	10.374	ug/l	98
86) p-Isopropyltoluene	13.52	119	77200	10.213	ug/l	97
87) 1,3-Dichlorobenzene	13.52	146	38361	10.412	ug/l	94
88) 1,4-Dichlorobenzene	13.60	146	37753	10.129	ug/l	95
89) n-Butylbenzene	13.84	91	65479	10.342	ug/l	95
90) Hexachloroethane	14.11	117	14586	10.753	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	31773	9.915	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	2307	9.430	ug/l	86

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD090220\
Data File : VD066516.D
Acq On : 02 Sep 2020 11:49
Operator : VA/SY
Sample : VSTDICC010
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

MMDadoda
9/3/2020 4:57:11 PM

Quant Time: Sep 02 14:14:35 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D090220S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 02 14:03:39 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	25524	10.091	ug/l	99
94) Hexachlorobutadiene	15.27	225	16066	9.798	ug/l	97
95) Naphthalene	15.41	128	38815	9.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	21378	9.781	ug/l	98

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

