

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065857.D
 Acq On : 23 Jun 2020 13:54
 Operator : VA/SY
 Sample : L3082-10
 Misc : 5.19G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-11

Quant Time: Jun 24 04:42:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.99	168	3926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	8868	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	7626	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	2077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	15696	404.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	809.20%	
35) Dibromofluoromethane	7.91	113	7843	140.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	280.02%	
50) Toluene-d8	10.34	98	8551	40.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.88%	
62) 4-Bromofluorobenzene	12.64	95	2450	34.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	54	Below Cal	#	42
3) Chloromethane	2.20	50	646	10.112	ug/l	98
4) Vinyl Chloride	2.35	62	373	6.440	ug/l #	43
5) Bromomethane	2.78	94	600	14.812	ug/l	99
6) Chloroethane	2.94	64	89	2.272	ug/l #	44
7) Trichlorofluoromethane	3.27	101	243	3.703	ug/l	93
8) Diethyl Ether	3.69	74	54	3.130	ug/l #	2
9) 1,1,2-Trichlorotrifluoroet	4.08	101	67	1.712	ug/l #	18
10) Methyl Iodide	4.31	142	131	3.438	ug/l #	38
11) Tert butyl alcohol	5.18	59	1719	880.227	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	69	1.935	ug/l #	33
14) Allvl chloride	4.70	41	163	2.765	ug/l #	51
15) Acrylonitrile	5.41	53	138	17.610	ug/l #	47
16) Acetone	4.16	43	4788	654.293	ug/l #	84
17) Carbon Disulfide	4.41	76	776	6.483	ug/l #	75
18) Methyl Acetate	4.71	43	395	21.889	ug/l #	52
19) Methyl tert-butyl Ether	5.46	73	435	5.385	ug/l #	56
20) Methylene Chloride	4.97	84	4508	122.444	ug/l	90
21) trans-1,2-Dichloroethene	5.47	96	152	3.639	ug/l #	52
22) Diisopropyl ether	6.35	45	469	3.938	ug/l #	73
23) Vinyl Acetate	6.31	43	506	7.523	ug/l #	72
24) 1,1-Dichloroethane	6.27	63	255	3.514	ug/l #	82
25) 2-Butanone	7.21	43	2326	230.153	ug/l #	52
26) 2,2-Dichloropropane	7.18	77	1632	25.362	ug/l #	54
27) cis-1,2-Dichloroethene	7.21	96	61	1.358	ug/l #	1
29) Tetrahydrofuran	7.57	42	530	82.976	ug/l #	58
31) Cyclohexane	7.98	56	724	10.407	ug/l #	44
32) 1,1,1-Trichloroethane	7.92	97	93	1.345	ug/l #	25
36) 1,1-Dichloropropene	8.10	75	459	5.403	ug/l #	41
37) Ethyl Acetate	7.21	43	2326	69.515	ug/l #	37
38) Carbon Tetrachloride	8.10	117	115	1.286	ug/l #	12
39) Methylcyclohexane	9.35	83	529	5.260	ug/l #	62
40) Benzene	8.36	78	1194	5.141	ug/l #	51
41) Methacrylonitrile	7.56	41	183	9.185	ug/l #	45

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 1,2-Dichloroethane	8.42	62	233	3.325	ug/l #	74
43) Isopropyl Acetate	8.45	43	178	2.675	ug/l #	51
44) Trichloroethene	9.11	130	269	4.162	ug/l	68
45) 1,2-Dichloropropane	9.38	63	140	2.399	ug/l #	44
47) Bromodichloromethane	9.67	83	215	2.535	ug/l #	26
48) Methyl methacrylate	9.45	41	60	1.863	ug/l #	28
51) 4-Methyl-2-Pentanone	10.23	43	1087	33.340	ug/l	99
52) Toluene	10.40	92	822	5.447	ug/l #	43
55) 1,1,2-Trichloroethane	10.75	97	84	1.986	ug/l #	15
56) Ethyl methacrylate	10.67	69	61	1.226	ug/l #	21
58) 2-Chloroethyl Vinyl ether	9.94	63	523	22.617	ug/l #	46
59) 2-Hexanone	10.99	43	609	27.706	ug/l	79
60) Dibromochloromethane	10.88	129	137	2.398	ug/l #	11
64) Tetrachloroethene	10.88	164	315	6.109	ug/l #	51
65) Chlorobenzene	11.68	112	685	4.601	ug/l #	44
66) 1,1,1,2-Tetrachloroethane	11.74	131	79	1.424	ug/l #	22
67) Ethyl Benzene	11.75	91	1476	5.550	ug/l	91
68) m/p-Xylenes	11.86	106	870	8.493	ug/l	94
69) o-Xylene	12.19	106	249	2.696	ug/l	41
70) Styrene	12.20	104	542	3.390	ug/l #	71
73) Isopropylbenzene	12.47	105	1051	7.547	ug/l #	69
74) N-amyl acetate	12.30	43	55	1.775	ug/l #	44
76) 1,2,3-Trichloropropane	12.78	75	155	9.596	ug/l #	100
77) Bromobenzene	12.77	156	73	2.216	ug/l #	1
78) n-propylbenzene	12.81	91	1449	8.644	ug/l	78
79) 2-Chlorotoluene	12.91	91	719	7.819	ug/l	97
80) 1,3,5-Trimethylbenzene	12.97	105	1058	9.130	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.64	75	2384	318.881	ug/l #	12
82) 4-Chlorotoluene	12.91	91	719	7.285	ug/l	96
83) tert-Butylbenzene	13.23	119	664	6.604	ug/l	83
84) 1,2,4-Trimethylbenzene	13.27	105	1002	8.639	ug/l	84
85) sec-Butylbenzene	13.40	105	1321	9.440	ug/l	85
86) p-Isopropyltoluene	13.53	119	923	7.196	ug/l #	72
87) 1,3-Dichlorobenzene	13.51	146	563	8.666	ug/l	84
88) 1,4-Dichlorobenzene	13.51	146	563	8.712	ug/l	85
89) n-Butylbenzene	13.84	91	1123	9.181	ug/l	85
91) 1,2-Dichlorobenzene	13.90	146	342	6.117	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.17	180	634	16.678	ug/l #	83
94) Hexachlorobutadiene	15.27	225	168	7.311	ug/l #	43
95) Naphthalene	15.41	128	1597	24.801	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.61	180	240	7.330	ug/l #	14

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

