

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061220\
 Data File : VD065789.D
 Acq On : 12 Jun 2020 11:57
 Operator : VA/SY
 Sample : VD0612SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0612SBS01

Quant Time: Jun 13 01:57:28 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	7.98	168	190993	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	306789	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	290498	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149545	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	104391	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
35) Dibromofluoromethane	7.91	113	101644	52.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.90%	
50) Toluene-d8	10.34	98	387586	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.64	95	128961	52.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	32452	23.143	ug/l	97
3) Chloromethane	2.21	50	57344	23.796	ug/l	100
4) Vinyl Chloride	2.35	62	64104	22.749	ug/l	99
5) Bromomethane	2.76	94	44844	22.756	ug/l	99
6) Chloroethane	2.92	64	43498	22.830	ug/l	91
7) Trichlorofluoromethane	3.27	101	69319	21.713	ug/l	94
8) Diethyl Ether	3.70	74	16185	19.282	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.09	101	39672	20.840	ug/l	97
10) Methyl Iodide	4.30	142	33513	18.078	ug/l	96
11) Tert butyl alcohol	5.21	59	12747	99.009	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	34946	20.141	ug/l	87
13) Acrolein	3.93	56	9513	89.741	ug/l	88
14) Allyl chloride	4.71	41	59505	20.750	ug/l	100
15) Acrylonitrile	5.41	53	38688	101.482	ug/l	99
16) Acetone	4.15	43	34206	96.084	ug/l	93
17) Carbon Disulfide	4.41	76	122351	21.010	ug/l	97
18) Methyl Acetate	4.71	43	17645	19.779	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	78632	20.008	ug/l	94
20) Methylene Chloride	4.96	84	47572	22.736	ug/l	96
21) trans-1,2-Dichloroethene	5.46	96	42673	21.001	ug/l	98
22) Diisopropyl ether	6.36	45	123542	21.321	ug/l	96
23) Vinyl Acetate	6.30	43	333497	101.925	ug/l	98
24) 1,1-Dichloroethane	6.26	63	73437	20.801	ug/l	100
25) 2-Butanone	7.21	43	48894	99.448	ug/l	99
26) 2,2-Dichloropropane	7.21	77	65344	20.874	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	45368	20.756	ug/l	98
28) Bromochloromethane	7.55	49	30536	22.394	ug/l	97
29) Tetrahydrofuran	7.56	42	32292	103.921	ug/l	92
30) Chloroform	7.71	83	77259	21.113	ug/l	96
31) Cyclohexane	7.98	56	69459	20.522	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	68123	20.245	ug/l	95
36) 1,1-Dichloropropene	8.11	75	59447	20.228	ug/l	98
37) Ethyl Acetate	7.29	43	24238	20.939	ug/l #	96
38) Carbon Tetrachloride	8.09	117	64121	20.732	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	69223	19.895	ug/l	98
40) Benzene	8.35	78	160623	19.992	ug/l	96
41) Methacrylonitrile	7.52	41	11685	16.953	ug/l #	76
42) 1,2-Dichloroethane	8.43	62	49547	20.439	ug/l	98
43) Isopropyl Acetate	8.46	43	43746	19.005	ug/l	98
44) Trichloroethene	9.11	130	44406	19.861	ug/l	94
45) 1,2-Dichloropropane	9.39	63	42750	21.177	ug/l	99
46) Dibromomethane	9.48	93	21907	20.009	ug/l	93
47) Bromodichloromethane	9.66	83	58943	20.091	ug/l	98
48) Methyl methacrylate	9.46	41	20075	18.017	ug/l	88
49) 1,4-Dioxane	9.47	88	4927	422.796	ug/l	94
51) 4-Methyl-2-Pentanone	10.23	43	108870	96.522	ug/l	96
52) Toluene	10.40	92	108773	20.836	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	52086	19.605	ug/l	97
54) cis-1,3-Dichloropropene	10.09	75	62994	20.077	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	29891	20.433	ug/l	96
56) Ethyl methacrylate	10.66	69	33910	19.707	ug/l	97
57) 1,3-Dichloropropane	10.95	76	51867	20.465	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	83220	104.029	ug/l	98
59) 2-Hexanone	10.98	43	74410	97.852	ug/l	98
60) Dibromochloromethane	11.14	129	37914	19.185	ug/l	95
61) 1,2-Dibromoethane	11.25	107	29104	20.244	ug/l	99
64) Tetrachloroethene	10.88	164	37632	19.157	ug/l	94
65) Chlorobenzene	11.67	112	114583	20.204	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	41912	19.826	ug/l	97
67) Ethyl Benzene	11.74	91	203057	20.043	ug/l	98
68) m/p-Xylenes	11.86	106	155807	39.926	ug/l	99
69) o-Xylene	12.18	106	69832	19.847	ug/l	97
70) Styrene	12.20	104	119738	19.658	ug/l	98
71) Bromoform	12.36	173	23088	19.833	ug/l #	92
73) Isopropylbenzene	12.48	105	192413	19.191	ug/l	100
74) N-amyl acetate	12.29	43	41355	18.539	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	32476	19.179	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	28508m	24.512	ug/l	
77) Bromobenzene	12.76	156	46565	19.629	ug/l	99
78) n-propylbenzene	12.83	91	237425	19.672	ug/l	100
79) 2-Chlorotoluene	12.91	91	132054	19.945	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	166415	19.945	ug/l	96
81) trans-1,4-Dichloro-2-buten	12.53	75	9638	17.905	ug/l	94
82) 4-Chlorotoluene	13.01	91	140547	19.777	ug/l	99
83) tert-Butylbenzene	13.23	119	135605	18.731	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	162278	19.431	ug/l	100
85) sec-Butylbenzene	13.41	105	198423	19.694	ug/l	99
86) p-Isopropyltoluene	13.52	119	178649	19.346	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	90883	19.430	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	91438	19.652	ug/l	97
89) n-Butylbenzene	13.85	91	171152	19.433	ug/l	99
90) Hexachloroethane	14.12	117	36544	19.770	ug/l	93
91) 1,2-Dichlorobenzene	13.90	146	77920	19.356	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5457	19.364	ug/l	81

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	50178	18.333	ug/l	99
94) Hexachlorobutadiene	15.27	225	29226	17.664	ug/l	99
95) Naphthalene	15.41	128	80594	17.383	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	42923	18.208	ug/l	99

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

