

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070120\
 Data File : VD065903.D
 Acq On : 01 Jul 2020 13:32
 Operator : VA/SY
 Sample : VD0701SBSD01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0701SBSD01

Quant Time: Jul 02 05:05:59 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D062620S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 26 19:16:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	158869	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	263595	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	235420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	108575	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	79485	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
35) Dibromofluoromethane	7.91	113	77805	47.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.50%	
50) Toluene-d8	10.34	98	283218	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
62) 4-Bromofluorobenzene	12.64	95	94985	47.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	35582	23.423	ug/l	95
3) Chloromethane	2.21	50	47052	22.287	ug/l	98
4) Vinyl Chloride	2.35	62	48793	20.835	ug/l	89
5) Bromomethane	2.76	94	31451	20.533	ug/l	99
6) Chloroethane	2.93	64	30019	20.327	ug/l	97
7) Trichlorofluoromethane	3.27	101	67538	22.878	ug/l	99
8) Diethyl Ether	3.71	74	15401	19.844	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.09	101	38394	23.079	ug/l	95
10) Methyl Iodide	4.30	142	34770	21.156	ug/l	99
11) Tert butyl alcohol	5.23	59	11558	134.834	ug/l #	79
12) 1,1-Dichloroethene	4.07	96	33151	21.379	ug/l	97
13) Acrolein	3.92	56	10909	90.946	ug/l	94
14) Allyl chloride	4.71	41	54901	22.445	ug/l	98
15) Acrylonitrile	5.43	53	33946m	102.892	ug/l	
16) Acetone	4.15	43	33718	104.269	ug/l	94
17) Carbon Disulfide	4.41	76	112389	21.453	ug/l	98
18) Methyl Acetate	4.72	43	14881	20.753	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	71826	21.124	ug/l	92
20) Methylene Chloride	4.96	84	45963	24.482	ug/l	94
21) trans-1,2-Dichloroethene	5.47	96	38353	21.600	ug/l	93
22) Diisopropyl ether	6.37	45	109593	21.483	ug/l	98
23) Vinyl Acetate	6.31	43	304420	103.250	ug/l	99
24) 1,1-Dichloroethane	6.26	63	66668	21.906	ug/l	96
25) 2-Butanone	7.21	43	44159	102.327	ug/l	94
26) 2,2-Dichloropropane	7.21	77	62063	22.222	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	39928	20.323	ug/l	98
28) Bromochloromethane	7.55	49	22759	19.900	ug/l	97
29) Tetrahydrofuran	7.57	42	26779	97.688	ug/l	98
30) Chloroform	7.71	83	68848	21.129	ug/l	96
31) Cyclohexane	7.98	56	62715	21.212	ug/l #	89
32) 1,1,1-Trichloroethane	7.90	97	64497	21.570	ug/l	97
36) 1,1-Dichloropropene	8.11	75	53937	20.984	ug/l	98
37) Ethyl Acetate	7.30	43	18618	18.943	ug/l #	100
38) Carbon Tetrachloride	8.09	117	61565	22.181	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	64016	20.961	ug/l	96
40) Benzene	8.35	78	150184	21.060	ug/l	95
41) Methacrylonitrile	7.53	41	10358	19.209	ug/l #	62
42) 1,2-Dichloroethane	8.43	62	45775	21.759	ug/l	100
43) Isopropyl Acetate	8.45	43	41080	21.571	ug/l	96
44) Trichloroethene	9.11	130	38989	20.182	ug/l	94
45) 1,2-Dichloropropane	9.39	63	36629	21.443	ug/l #	86
46) Dibromomethane	9.48	93	18737	19.787	ug/l	98
47) Bromodichloromethane	9.67	83	52870	21.012	ug/l	97
48) Methyl methacrylate	9.46	41	20904	22.393	ug/l	88
49) 1,4-Dioxane	9.47	88	3833	395.716	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	96386	98.185	ug/l	96
52) Toluene	10.40	92	92412	19.932	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	48392	20.148	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	57172	20.272	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	24801	19.764	ug/l	93
56) Ethyl methacrylate	10.66	69	30789	19.760	ug/l	99
57) 1,3-Dichloropropane	10.95	76	45302	20.581	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	66859	97.894	ug/l	100
59) 2-Hexanone	10.98	43	66222	96.238	ug/l	98
60) Dibromochloromethane	11.14	129	34178	19.940	ug/l	97
61) 1,2-Dibromoethane	11.25	107	24740	20.144	ug/l	98
64) Tetrachloroethene	10.88	164	32087	20.872	ug/l	95
65) Chlorobenzene	11.67	112	95919	20.541	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	34659	19.924	ug/l	97
67) Ethyl Benzene	11.75	91	178103	20.536	ug/l	98
68) m/p-Xylenes	11.86	106	136769	41.419	ug/l	100
69) o-Xylene	12.18	106	61086	20.586	ug/l	98
70) Styrene	12.20	104	105132	20.262	ug/l	99
71) Bromoform	12.36	173	17626	19.079	ug/l #	96
73) Isopropylbenzene	12.48	105	169395	21.783	ug/l	99
74) N-amyl acetate	12.29	43	35472	20.646	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	27286	21.316	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	19711m	20.747	ug/l	
77) Bromobenzene	12.77	156	36369	20.801	ug/l	93
78) n-propylbenzene	12.83	91	209711	22.384	ug/l	97
79) 2-Chlorotoluene	12.91	91	111459	21.599	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	141346	21.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	9088	20.551	ug/l	94
82) 4-Chlorotoluene	13.01	91	120442	21.841	ug/l	98
83) tert-Butylbenzene	13.23	119	121087	22.133	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	136772	21.358	ug/l	100
85) sec-Butylbenzene	13.41	105	167621	21.500	ug/l	100
86) p-Isopropyltoluene	13.52	119	155880	22.012	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	72726	21.410	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	73332	21.458	ug/l	98
89) n-Butylbenzene	13.85	91	146044	21.150	ug/l	97
90) Hexachloroethane	14.12	117	31240	21.618	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	64156	21.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4459	22.488	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	39803	21.098	ug/l	97
94) Hexachlorobutadiene	15.27	225	23392	21.739	ug/l	96
95) Naphthalene	15.40	128	68468	20.214	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	34990	22.226	ug/l	97

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

