

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065824.D
 Acq On : 19 Jun 2020 13:07
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:39:15 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	177441	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	286443	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	259056	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133030	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	98635	56.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.52%	
35) Dibromofluoromethane	7.91	113	97111	53.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.34%	
50) Toluene-d8	10.34	98	371324	55.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.08%	
62) 4-Bromofluorobenzene	12.64	95	125664	54.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30560	23.517	ug/l	96
3) Chloromethane	2.21	50	54932	24.738	ug/l	98
4) Vinyl Chloride	2.35	62	65742	25.112	ug/l	99
5) Bromomethane	2.76	94	46008	25.130	ug/l	99
6) Chloroethane	2.92	64	43910	24.806	ug/l	98
7) Trichlorofluoromethane	3.27	101	67964	22.914	ug/l	100
8) Diethyl Ether	3.71	74	16435	21.076	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	38487	21.761	ug/l	98
10) Methyl Iodide	4.30	142	35644	20.696	ug/l	98
11) Tert butyl alcohol	5.22	59	12053	101.506	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	36416	22.591	ug/l	92
13) Acrolein	3.93	56	8473	86.035	ug/l	97
14) Allyl chloride	4.71	41	58463	21.944	ug/l	99
15) Acrylonitrile	5.43	53	36960	104.354	ug/l	99
16) Acetone	4.16	43	34634	104.717	ug/l	93
17) Carbon Disulfide	4.41	76	118852	21.968	ug/l	96
18) Methyl Acetate	4.71	43	17635	21.574	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	77899	21.335	ug/l	98
20) Methylene Chloride	4.96	84	60680	33.037	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	40724	21.572	ug/l	96
22) Diisopropyl ether	6.36	45	118386	21.992	ug/l	96
23) Vinyl Acetate	6.31	43	325311	107.017	ug/l	96
24) 1,1-Dichloroethane	6.26	63	72118	21.987	ug/l	99
25) 2-Butanone	7.21	43	49116	107.529	ug/l #	89
26) 2,2-Dichloropropane	7.21	77	63738	21.916	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	44779	22.051	ug/l	98
28) Bromochloromethane	7.55	49	27782	21.931	ug/l	96
29) Tetrahydrofuran	7.56	42	29882	103.510	ug/l	95
30) Chloroform	7.71	83	72595	21.353	ug/l	98
31) Cyclohexane	7.98	56	68411	21.756	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	68528	21.921	ug/l	98
36) 1,1-Dichloropropene	8.11	75	60169	21.928	ug/l	98
37) Ethyl Acetate	7.30	43	23695	21.924	ug/l	98
38) Carbon Tetrachloride	8.10	117	61662	21.353	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	67269	20.706	ug/l	97
40) Benzene	8.35	78	161671	21.552	ug/l	97
41) Methacrylonitrile	7.53	41	10534	16.368	ug/l #	72
42) 1,2-Dichloroethane	8.43	62	47227	20.866	ug/l	100
43) Isopropyl Acetate	8.46	43	43468	20.225	ug/l	97
44) Trichloroethene	9.11	130	44026	21.090	ug/l	92
45) 1,2-Dichloropropane	9.39	63	39723	21.075	ug/l	97
46) Dibromomethane	9.47	93	21058	20.600	ug/l	98
47) Bromodichloromethane	9.66	83	58830	21.476	ug/l	99
48) Methyl methacrylate	9.46	41	21884	21.036	ug/l	98
49) 1,4-Dioxane	9.46	88	3951	363.125	ug/l #	88
51) 4-Methyl-2-Pentanone	10.23	43	104953	99.659	ug/l	98
52) Toluene	10.40	92	103508	21.236	ug/l	97
53) t-1,3-Dichloropropene	10.62	75	50881	20.512	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	62080	21.191	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	27997	20.497	ug/l	93
56) Ethyl methacrylate	10.66	69	32980	20.528	ug/l	98
57) 1,3-Dichloropropane	10.95	76	48986	20.701	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	78454	105.037	ug/l	99
59) 2-Hexanone	10.98	43	73081	102.930	ug/l	99
60) Dibromochloromethane	11.14	129	37545	20.348	ug/l	98
61) 1,2-Dibromoethane	11.26	107	26791	19.959	ug/l	98
64) Tetrachloroethene	10.88	164	38014	21.701	ug/l	95
65) Chlorobenzene	11.67	112	108515	21.457	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	40410	21.436	ug/l	99
67) Ethyl Benzene	11.75	91	194099	21.484	ug/l	96
68) m/p-Xylenes	11.86	106	150270	43.181	ug/l	98
69) o-Xylene	12.18	106	65953	21.020	ug/l	94
70) Styrene	12.20	104	118585	21.832	ug/l	99
71) Bromoform	12.36	173	21274	20.493	ug/l #	98
73) Isopropylbenzene	12.48	105	188457	21.129	ug/l	99
74) N-amyl acetate	12.29	43	38797	19.552	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	31307	20.784	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	22356m	21.608	ug/l	
77) Bromobenzene	12.76	156	44596	21.133	ug/l	98
78) n-propylbenzene	12.83	91	230885	21.505	ug/l	99
79) 2-Chlorotoluene	12.91	91	124705	21.173	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	160728	21.655	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	9829	20.527	ug/l	98
82) 4-Chlorotoluene	13.01	91	134844	21.330	ug/l	100
83) tert-Butylbenzene	13.23	119	135838	21.092	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	156927	21.123	ug/l	100
85) sec-Butylbenzene	13.41	105	196189	21.890	ug/l	99
86) p-Isopropyltoluene	13.52	119	175718	21.390	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	86204	20.717	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	87845	21.223	ug/l	98
89) n-Butylbenzene	13.85	91	170528	21.766	ug/l	98
90) Hexachloroethane	14.12	117	33881	20.605	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	75533	21.093	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	4990	19.905	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	46623	19.149	ug/l	99
94) Hexachlorobutadiene	15.27	225	28443	19.324	ug/l	97
95) Naphthalene	15.41	128	76114	18.455	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	39815	18.987	ug/l	95

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

