

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW050720\
 Data File : VW015416.D
 Acq On : 07 May 2020 13:27
 Operator : SY/VA
 Sample : VW0507SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0507SBS01

Quant Time: May 08 07:27:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050620S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 05 18:41:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	222409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	360286	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333016	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	162620	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113236	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	
35) Dibromofluoromethane	7.88	113	100426	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
50) Toluene-d8	10.32	98	421226	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	
62) 4-Bromofluorobenzene	12.62	95	153320	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	24236	18.848	ug/l	100
3) Chloromethane	2.21	50	29455	18.297	ug/l	100
4) Vinyl Chloride	2.36	62	49031	20.112	ug/l	99
5) Bromomethane	2.78	94	35027	18.340	ug/l	95
6) Chloroethane	2.93	64	31637	18.832	ug/l	99
7) Trichlorofluoromethane	3.26	101	33142	18.534	ug/l	96
8) Diethyl Ether	3.68	74	21144	18.922	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42282	20.397	ug/l	98
10) Methyl Iodide	4.26	142	61548	19.622	ug/l	99
11) Tert butyl alcohol	5.16	59	15826	112.255	ug/l	100
12) 1,1-Dichloroethene	4.03	96	43629	20.296	ug/l	95
13) Acrolein	3.89	56	16611	92.265	ug/l	99
14) Allyl chloride	4.66	41	75008	19.914	ug/l	99
15) Acrylonitrile	5.36	53	44827	98.568	ug/l	100
16) Acetone	4.12	43	40877	107.626	ug/l	100
17) Carbon Disulfide	4.37	76	132136	20.047	ug/l	99
18) Methyl Acetate	4.66	43	19359	19.200	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	68927	19.956	ug/l	96
20) Methylene Chloride	4.91	84	47654	19.230	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	47468	19.452	ug/l	97
22) Diisopropyl ether	6.31	45	143548	19.503	ug/l	97
23) Vinyl Acetate	6.25	43	421687	94.250	ug/l	100
24) 1,1-Dichloroethane	6.21	63	87117	19.744	ug/l	100
25) 2-Butanone	7.17	43	58586	98.964	ug/l	99
26) 2,2-Dichloropropane	7.16	77	59330	20.287	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	52198	19.699	ug/l	99
28) Bromochloromethane	7.51	49	33772	19.035	ug/l	98
29) Tetrahydrofuran	7.52	42	37841	97.128	ug/l	99
30) Chloroform	7.67	83	86935	19.830	ug/l	98
31) Cyclohexane	7.95	56	87902	19.620	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	74122	20.116	ug/l	99
36) 1,1-Dichloropropene	8.08	75	72961	20.612	ug/l	99
37) Ethyl Acetate	7.25	43	27683	20.155	ug/l	98
38) Carbon Tetrachloride	8.06	117	67412	20.371	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	91737	20.474	ug/l	99
40) Benzene	8.32	78	195220	20.221	ug/l	98
41) Methacrylonitrile	7.48	41	15906	18.329	ug/l	98
42) 1,2-Dichloroethane	8.40	62	58861	20.017	ug/l	99
43) Isopropyl Acetate	8.42	43	56574	19.585	ug/l	99
44) Trichloroethene	9.09	130	51669	20.650	ug/l	93
45) 1,2-Dichloropropane	9.37	63	48173	20.199	ug/l	99
46) Dibromomethane	9.46	93	23724	20.001	ug/l	97
47) Bromodichloromethane	9.64	83	65269	20.190	ug/l	98
48) Methyl methacrylate	9.43	41	25696	19.258	ug/l	98
49) 1,4-Dioxane	9.45	88	6606	442.540	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	137053	101.241	ug/l	99
52) Toluene	10.38	92	127561	20.333	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	65127	19.737	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77202	19.871	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32634	19.456	ug/l	96
56) Ethyl methacrylate	10.64	69	43856	19.029	ug/l	97
57) 1,3-Dichloropropane	10.93	76	59607	19.765	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	106454	94.946	ug/l	99
59) 2-Hexanone	10.96	43	89705	97.934	ug/l	99
60) Dibromochloromethane	11.13	129	39871	19.764	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31213	19.653	ug/l	100
64) Tetrachloroethene	10.86	164	41803	20.537	ug/l	95
65) Chlorobenzene	11.66	112	129332	19.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	45664	19.615	ug/l	99
67) Ethyl Benzene	11.73	91	250599	19.940	ug/l	100
68) m/p-Xylenes	11.84	106	186155	39.840	ug/l	100
69) o-Xylene	12.16	106	86831	19.776	ug/l	97
70) Styrene	12.18	104	148276	19.607	ug/l	99
71) Bromoform	12.35	173	21553	18.984	ug/l	# 98
73) Isopropylbenzene	12.46	105	244809	20.164	ug/l	100
74) N-amyl acetate	12.27	43	53602	18.678	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	37313	19.646	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24000m	17.940	ug/l	
77) Bromobenzene	12.74	156	51059	19.845	ug/l	100
78) n-propylbenzene	12.80	91	296467	20.353	ug/l	100
79) 2-Chlorotoluene	12.89	91	166623	20.293	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	210041	20.539	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12828	18.967	ug/l	99
82) 4-Chlorotoluene	12.99	91	175691	20.191	ug/l	99
83) tert-Butylbenzene	13.20	119	176793	20.261	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	207971	20.329	ug/l	98
85) sec-Butylbenzene	13.38	105	253500	20.619	ug/l	100
86) p-Isopropyltoluene	13.50	119	233560	20.829	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104796	20.448	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	101438	19.985	ug/l	96
89) n-Butylbenzene	13.82	91	228809	20.844	ug/l	99
90) Hexachloroethane	14.09	117	42912	20.767	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	89557	20.182	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6439	19.420	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	60429	20.262	ug/l	98
94) Hexachlorobutadiene	15.24	225	35661	20.178	ug/l	97
95) Naphthalene	15.36	128	99472	18.620	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	49214	19.205	ug/l	99

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

