

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051019\
 Data File : VW010355.D
 Acq On : 10 May 2019 14:43
 Operator : SY/VA
 Sample : VW0510SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0510SBSD01

Manual Integrations
 APPROVED

MMDadoda
 5/11/2019 12:12:11 PM

Quant Time: May 10 23:55:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W050919S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 10 03:41:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	1330165	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	2192261	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1983464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	990783	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	809029	57.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.42%	
35) Dibromofluoromethane	7.88	113	697796	54.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.78%	
50) Toluene-d8	10.32	98	2776371	53.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.30%	
62) 4-Bromofluorobenzene	12.62	95	1009595	54.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.02	85	189287	18.809	ug/l	98
3) Chloromethane	2.21	50	264723	19.442	ug/l	98
4) Vinyl Chloride	2.37	62	337710	19.957	ug/l	98
5) Bromomethane	2.77	94	193639	19.844	ug/l	100
6) Chloroethane	2.92	64	197735	20.206	ug/l	99
7) Trichlorofluoromethane	3.25	101	139353	16.450	ug/l	99
8) Diethyl Ether	3.67	74	164743	22.121	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.04	101	284091	20.466	ug/l	98
10) Methyl Iodide	4.27	142	411965	20.958	ug/l	94
11) Tert butyl alcohol	5.18	59	96647	96.774	ug/l	99
12) 1,1-Dichloroethene	4.03	96	297986	20.544	ug/l	97
13) Acrolein	3.89	56	107578	81.589	ug/l	99
14) Allyl chloride	4.65	41	415244	19.179	ug/l	93
15) Acrylonitrile	5.37	53	374409	90.706	ug/l	97
16) Acetone	4.12	43	337330	91.502	ug/l	98
17) Carbon Disulfide	4.38	76	864935	19.717	ug/l	99
18) Methyl Acetate	4.67	43	169321	18.543	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	384681	22.279	ug/l	96
20) Methylene Chloride	4.91	84	379988	24.712	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	326641	20.921	ug/l	98
22) Diisopropyl ether	6.31	45	1008220	23.994	ug/l	97
23) Vinyl Acetate	6.25	43	3236096	112.158	ug/l	97
24) 1,1-Dichloroethane	6.21	63	621945	21.984	ug/l	100
25) 2-Butanone	7.17	43	539757	95.706	ug/l	98
26) 2,2-Dichloropropane	7.16	77	297661	21.147	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	357074	22.239	ug/l	96
28) Bromochloromethane	7.51	49	271439	26.025	ug/l	98
29) Tetrahydrofuran	7.53	42	351256	96.292	ug/l	96
30) Chloroform	7.67	83	596307	22.523	ug/l	96
31) Cyclohexane	7.95	56	586732	20.255	ug/l	94
32) 1,1,1-Trichloroethane	7.87	97	434706	21.197	ug/l	100
36) 1,1-Dichloropropene	8.08	75	489847	20.608	ug/l	99
37) Ethyl Acetate	7.25	43	242424	19.155	ug/l	98
38) Carbon Tetrachloride	8.06	117	406329	19.942	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	575535	19.793	ug/l	97
40) Benzene	8.32	78	1381966	21.229	ug/l	99
41) Methacrylonitrile	7.48	41	134394	18.935	ug/l	93
42) 1,2-Dichloroethane	8.40	62	413272	22.179	ug/l	98
43) Isopropyl Acetate	8.43	43	426552	20.322	ug/l	98
44) Trichloroethene	9.09	130	339774	20.849	ug/l	97
45) 1,2-Dichloropropane	9.37	63	358734	22.170	ug/l	98
46) Dibromomethane	9.46	93	175791	21.029	ug/l	97
47) Bromodichloromethane	9.64	83	442430	22.064	ug/l	98
48) Methyl methacrylate	9.43	41	199157	20.067	ug/l	88
49) 1,4-Dioxane	9.45	88	56347	386.516	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	1188695	98.764	ug/l	94
52) Toluene	10.38	92	858347	21.572	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	442016	21.762	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	528522	21.971	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	255501	21.519	ug/l	99
56) Ethyl methacrylate	10.65	69	337874	21.549	ug/l #	89
57) 1,3-Dichloropropane	10.93	76	465932	21.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	811050	108.041	ug/l	99
59) 2-Hexanone	10.97	43	817691	96.090	ug/l	93
60) Dibromochloromethane	11.13	129	276451	21.638	ug/l	99
61) 1,2-Dibromoethane	11.23	107	240878	21.134	ug/l	98
64) Tetrachloroethene	10.86	164	276549	19.949	ug/l	97
65) Chlorobenzene	11.66	112	883387	21.515	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	306606	22.094	ug/l	100
67) Ethyl Benzene	11.73	91	1621127	21.463	ug/l	99
68) m/p-Xylenes	11.84	106	1205739	42.965	ug/l	98
69) o-Xylene	12.16	106	553803	21.815	ug/l	99
70) Styrene	12.18	104	979735	22.149	ug/l	99
71) Bromoform	12.35	173	157379	19.839	ug/l #	98
73) Isopropylbenzene	12.46	105	1543117	21.367	ug/l	100
74) N-amyl acetate	12.27	43	391786	20.999	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.71	83	319121	20.055	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	225396m	19.512	ug/l	
77) Bromobenzene	12.75	156	353038	21.650	ug/l	99
78) n-propylbenzene	12.80	91	1915182	21.472	ug/l	99
79) 2-Chlorotoluene	12.90	91	1091751	21.493	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	1313843	21.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	96824	18.929	ug/l	96
82) 4-Chlorotoluene	12.99	91	1142309	21.463	ug/l	99
83) tert-Butylbenzene	13.21	119	1063151	20.935	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	1346658	22.259	ug/l	100
85) sec-Butylbenzene	13.38	105	1582069	21.104	ug/l	99
86) p-Isopropyltoluene	13.50	119	1435532	21.567	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	709015	21.775	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	695873	21.535	ug/l	99
89) n-Butylbenzene	13.83	91	1414839	21.199	ug/l	99
90) Hexachloroethane	14.10	117	248244	20.108	ug/l	94
91) 1,2-Dichlorobenzene	13.87	146	631859	21.921	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	52620	18.364	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	442382	22.488	ug/l	99
94) Hexachlorobutadiene	15.24	225	260630	20.666	ug/l	99
95) Naphthalene	15.37	128	812200	20.368	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	390098	21.951	ug/l	99

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

