

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW051719\
 Data File : VW010428.D
 Acq On : 18 May 2019 00:05
 Operator : SY/VA
 Sample : VW0517SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0517SBS01

Manual Integrations
 APPROVED

MMDadoda
 5/20/2019 12:15:24 PM

Quant Time: May 18 01:50:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W051719S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 17 23:49:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	659708	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1258283	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1149230	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	553685	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	390167	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
35) Dibromofluoromethane	7.88	113	373468	48.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.12%	
50) Toluene-d8	10.32	98	1365892	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
62) 4-Bromofluorobenzene	12.62	95	547689	48.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	87258	16.301	ug/l	100
3) Chloromethane	2.21	50	137596	18.628	ug/l	96
4) Vinyl Chloride	2.36	62	137092	17.345	ug/l	97
5) Bromomethane	2.75	94	105499	23.926	ug/l	94
6) Chloroethane	2.90	64	94093	19.099	ug/l	98
7) Trichlorofluoromethane	3.25	101	198916	18.147	ug/l	97
8) Diethyl Ether	3.68	74	86598	22.211	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.05	101	133784	19.177	ug/l	99
10) Methyl Iodide	4.27	142	139580	17.891	ug/l	99
11) Tert butyl alcohol	5.19	59	73682	112.271	ug/l	99
12) 1,1-Dichloroethene	4.03	96	128881	19.590	ug/l	98
13) Acrolein	3.89	56	48000	92.647	ug/l	93
14) Allyl chloride	4.66	41	206853	20.269	ug/l	99
15) Acrylonitrile	5.37	53	186868	112.100	ug/l	99
16) Acetone	4.13	43	142578	111.872	ug/l	97
17) Carbon Disulfide	4.37	76	357786	19.045	ug/l	98
18) Methyl Acetate	4.67	43	92240	23.159	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	428219	22.692	ug/l	98
20) Methylene Chloride	4.91	84	156641	21.223	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	160171	20.874	ug/l	100
22) Diisopropyl ether	6.31	45	477365	21.917	ug/l	97
23) Vinyl Acetate	6.26	43	1433557	105.507	ug/l	99
24) 1,1-Dichloroethane	6.21	63	267426	21.207	ug/l	99
25) 2-Butanone	7.18	43	245483	112.994	ug/l	99
26) 2,2-Dichloropropane	7.16	77	198704	17.462	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	187405	21.778	ug/l	98
28) Bromochloromethane	7.51	49	111748	23.587	ug/l	100
29) Tetrahydrofuran	7.54	42	166301	113.115	ug/l	99
30) Chloroform	7.68	83	291857	22.006	ug/l	99
31) Cyclohexane	7.95	56	233981	18.529	ug/l	# 95
32) 1,1,1-Trichloroethane	7.87	97	255988	20.469	ug/l	100
36) 1,1-Dichloropropene	8.08	75	208379	18.706	ug/l	99
37) Ethyl Acetate	7.26	43	116023	21.708	ug/l	98
38) Carbon Tetrachloride	8.07	117	220770	18.364	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	267007	17.949	ug/l	98
40) Benzene	8.32	78	629295	19.794	ug/l	99
41) Methacrylonitrile	7.48	41	71553	22.356	ug/l	95
42) 1,2-Dichloroethane	8.40	62	202184	21.345	ug/l	99
43) Isopropyl Acetate	8.43	43	235230	21.612	ug/l	99
44) Trichloroethene	9.09	130	178394	19.586	ug/l	100
45) 1,2-Dichloropropane	9.37	63	160919	20.678	ug/l	97
46) Dibromomethane	9.46	93	96619	21.017	ug/l	98
47) Bromodichloromethane	9.64	83	235181	20.587	ug/l	99
48) Methyl methacrylate	9.44	41	103485	20.634	ug/l	97
49) 1,4-Dioxane	9.46	88	30433	447.301	ug/l #	81
51) 4-Methyl-2-Pentanone	10.21	43	586155	105.282	ug/l	99
52) Toluene	10.39	92	416848	19.742	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	241365	20.486	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	267425	20.021	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	142137	21.429	ug/l	96
56) Ethyl methacrylate	10.65	69	198533	21.450	ug/l	97
57) 1,3-Dichloropropane	10.93	76	241291	21.700	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	459604	103.347	ug/l	100
59) 2-Hexanone	10.97	43	406024	104.730	ug/l	99
60) Dibromochloromethane	11.13	129	171886	20.883	ug/l	100
61) 1,2-Dibromoethane	11.23	107	143143	21.294	ug/l	99
64) Tetrachloroethene	10.86	164	166642	22.045	ug/l	97
65) Chlorobenzene	11.66	112	466784	20.002	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	174620	20.263	ug/l	98
67) Ethyl Benzene	11.73	91	802083	19.512	ug/l	99
68) m/p-Xylenes	11.84	106	630633	39.196	ug/l	100
69) o-Xylene	12.16	106	309073	20.152	ug/l	100
70) Styrene	12.18	104	530146	20.075	ug/l	99
71) Bromoform	12.35	173	97687	20.118	ug/l #	98
73) Isopropylbenzene	12.46	105	788067	18.407	ug/l	99
74) N-amyl acetate	12.27	43	209847	19.126	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	170755	20.138	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	117560m	19.828	ug/l	
77) Bromobenzene	12.74	156	188795	19.520	ug/l	97
78) n-propylbenzene	12.80	91	912188	18.368	ug/l	99
79) 2-Chlorotoluene	12.90	91	555379	19.150	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	684943	18.795	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	51876	17.266	ug/l	99
82) 4-Chlorotoluene	12.99	91	586569	19.366	ug/l	98
83) tert-Butylbenzene	13.21	119	589182	19.117	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	693974	19.356	ug/l	98
85) sec-Butylbenzene	13.38	105	794830	18.315	ug/l	99
86) p-Isopropyltoluene	13.50	119	723892	18.464	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	362471	19.460	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	363333	19.596	ug/l	99
89) n-Butylbenzene	13.83	91	675212	18.051	ug/l	99
90) Hexachloroethane	14.10	117	147463	18.698	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	339953	20.073	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32984	20.904	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	208143	18.853	ug/l	98
94) Hexachlorobutadiene	15.24	225	103919	17.631	ug/l	98
95) Naphthalene	15.37	128	497298	19.927	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	186557	19.166	ug/l	99

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

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