

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080319\
 Data File : VW011634.D
 Acq On : 02 Aug 2019 21:48
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/6/2019 9:19:54 AM

Quant Time: Aug 04 00:24:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	220403	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	364956	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	330755	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	161208	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	151717	59.95	ug/l	0.00
Spiked Amount			Recovery	=	119.90%	
35) Dibromofluoromethane	7.88	113	120956	59.08	ug/l	0.00
Spiked Amount			Recovery	=	118.16%	
50) Toluene-d8	10.32	98	484420	57.79	ug/l	0.00
Spiked Amount			Recovery	=	115.58%	
62) 4-Bromofluorobenzene	12.62	95	174337	58.33	ug/l	0.00
Spiked Amount			Recovery	=	116.66%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	55419	45.117	ug/l	96
3) Chloromethane	2.21	50	95067	44.633	ug/l	99
4) Vinyl Chloride	2.36	62	117030	45.638	ug/l	97
5) Bromomethane	2.77	94	66158	46.610	ug/l	99
6) Chloroethane	2.92	64	68218	46.572	ug/l	98
7) Trichlorofluoromethane	3.25	101	55740	48.637	ug/l	100
8) Diethyl Ether	3.68	74	65776	50.621	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	106850	49.149	ug/l	99
10) Methyl Iodide	4.28	142	149909	48.795	ug/l	99
11) Tert butyl alcohol	5.16	59	44801	239.087	ug/l	100
12) 1,1-Dichloroethene	4.04	96	109761	47.818	ug/l	97
13) Acrolein	3.89	56	77441	426.448	ug/l	98
14) Allyl chloride	4.66	41	243050	49.784	ug/l	99
15) Acrylonitrile	5.36	53	169870	261.887	ug/l	99
16) Acetone	4.12	43	169779	210.891	ug/l	100
17) Carbon Disulfide	4.39	76	342755	47.709	ug/l	99
18) Methyl Acetate	4.67	43	96955	53.609	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	189428	52.004	ug/l	98
20) Methylene Chloride	4.92	84	130633	47.050	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	123098	49.742	ug/l	97
22) Diisopropyl ether	6.31	45	478194	51.952	ug/l	98
23) Vinyl Acetate	6.25	43	1502499	259.780	ug/l	99
24) 1,1-Dichloroethane	6.21	63	250681	50.852	ug/l	99
25) 2-Butanone	7.17	43	250700	237.983	ug/l	99
26) 2,2-Dichloropropane	7.16	77	128990	42.547	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135340	49.691	ug/l	100
28) Bromochloromethane	7.51	49	122360	55.921	ug/l #	99
29) Tetrahydrofuran	7.52	42	157446	261.471	ug/l	99
30) Chloroform	7.67	83	231094	50.813	ug/l	97
31) Cyclohexane	7.95	56	216245	45.698	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	174833	50.478	ug/l	100
36) 1,1-Dichloropropene	8.08	75	181878	47.927	ug/l	99
37) Ethyl Acetate	7.25	43	110050	50.405	ug/l	99
38) Carbon Tetrachloride	8.07	117	159533	49.107	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	203539	48.710	ug/l	98
40) Benzene	8.32	78	524094	49.305	ug/l	99
41) Methacrylonitrile	7.48	41	68303	52.335	ug/l	97
42) 1,2-Dichloroethane	8.40	62	170509	51.235	ug/l	100
43) Isopropyl Acetate	8.42	43	207625	51.709	ug/l	100
44) Trichloroethene	9.09	130	124272	48.642	ug/l	97
45) 1,2-Dichloropropane	9.37	63	146102	51.369	ug/l	99
46) Dibromomethane	9.46	93	66886	51.525	ug/l	99
47) Bromodichloromethane	9.65	83	176729	51.901	ug/l	98
48) Methyl methacrylate	9.43	41	102102	52.936	ug/l	97
49) 1,4-Dioxane	9.45	88	19799	1053.365	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	540854	258.964	ug/l	100
52) Toluene	10.39	92	318371	49.596	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	181901	51.138	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	217164	51.347	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94561	51.340	ug/l	99
56) Ethyl methacrylate	10.65	69	140875	52.269	ug/l	98
57) 1,3-Dichloropropane	10.93	76	178980	51.364	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.92	63	350854	286.709	ug/l	100
59) 2-Hexanone	10.97	43	368890	250.157	ug/l	99
60) Dibromochloromethane	11.13	129	107432	52.547	ug/l	99
61) 1,2-Dibromoethane	11.23	107	89066	51.099	ug/l	100
64) Tetrachloroethene	10.86	164	104478	48.514	ug/l	99
65) Chlorobenzene	11.66	112	322755	48.537	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	117708	50.818	ug/l	99
67) Ethyl Benzene	11.73	91	614891	48.552	ug/l	99
68) m/p-Xylenes	11.84	106	450805	97.878	ug/l	100
69) o-Xylene	12.16	106	212761	49.711	ug/l	100
70) Styrene	12.18	104	374002	50.540	ug/l	99
71) Bromoform	12.35	173	61336	51.937	ug/l #	97
73) Isopropylbenzene	12.46	105	584421	48.594	ug/l	99
74) N-amyl acetate	12.27	43	193299	51.338	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	114882	50.784	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	95500m	55.987	ug/l	
77) Bromobenzene	12.74	156	131872	49.609	ug/l	100
78) n-propylbenzene	12.80	91	711602	48.619	ug/l	100
79) 2-Chlorotoluene	12.89	91	407909	48.376	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	496331	49.233	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	35712	48.250	ug/l	97
82) 4-Chlorotoluene	12.99	91	431581	48.783	ug/l	100
83) tert-Butylbenzene	13.21	119	418216	49.608	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	504415	49.670	ug/l	99
85) sec-Butylbenzene	13.38	105	591241	49.151	ug/l	100
86) p-Isopropyltoluene	13.50	119	538093	49.302	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	252732	48.489	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	250357	48.286	ug/l	99
89) n-Butylbenzene	13.82	91	524949	48.197	ug/l	100
90) Hexachloroethane	14.09	117	97901	50.728	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	228737	49.618	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19337	50.127	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	158033	48.641	ug/l	100
94) Hexachlorobutadiene	15.24	225	97134	47.941	ug/l	96
95) Naphthalene	15.36	128	299850	47.234	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	142307	49.969	ug/l	100

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

