

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011699.D
 Acq On : 04 Aug 2019 07:43
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 05 01:53:12 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	191685	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	312732	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	276808	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	134078	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	135441	61.53	ug/l	0.00
Spiked Amount			Recovery	=	123.06%	
35) Dibromofluoromethane	7.88	113	103826	59.18	ug/l	0.00
Spiked Amount			Recovery	=	118.36%	
50) Toluene-d8	10.32	98	424370	59.08	ug/l	0.00
Spiked Amount			Recovery	=	118.16%	
62) 4-Bromofluorobenzene	12.62	95	149694	58.45	ug/l	0.00
Spiked Amount			Recovery	=	116.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	58967	55.198	ug/l	100
3) Chloromethane	2.20	50	91207	49.236	ug/l	99
4) Vinyl Chloride	2.36	62	115365	51.729	ug/l	99
5) Bromomethane	2.75	94	52334	42.395	ug/l	97
6) Chloroethane	2.90	64	62766	49.270	ug/l	96
7) Trichlorofluoromethane	3.24	101	54092	54.271	ug/l	93
8) Diethyl Ether	3.67	74	62820	55.589	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	106217	56.178	ug/l	99
10) Methyl Iodide	4.26	142	137516	51.467	ug/l	99
11) Tert butyl alcohol	5.17	59	50600	316.224	ug/l	99
12) 1,1-Dichloroethene	4.03	96	105217	52.706	ug/l	97
13) Acrolein	3.89	56	16496	104.449	ug/l	99
14) Allyl chloride	4.66	41	218962	51.569	ug/l	99
15) Acrylonitrile	5.36	53	182680	323.830	ug/l	99
16) Acetone	4.12	43	154320	220.408	ug/l	99
17) Carbon Disulfide	4.37	76	311170	49.802	ug/l	99
18) Methyl Acetate	4.67	43	129422	82.283	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	182962	57.755	ug/l	98
20) Methylene Chloride	4.91	84	117537	48.676	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	118432	55.027	ug/l	97
22) Diisopropyl ether	6.31	45	443044	55.344	ug/l	98
23) Vinyl Acetate	6.25	43	1306629	259.761	ug/l	99
24) 1,1-Dichloroethane	6.21	63	236521	55.167	ug/l	99
25) 2-Butanone	7.17	43	264738	288.959	ug/l	100
26) 2,2-Dichloropropane	7.16	77	105595	40.049	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	125405	52.942	ug/l	99
28) Bromochloromethane	7.51	49	108415	56.971	ug/l	98
29) Tetrahydrofuran	7.52	42	175062	334.283	ug/l	99
30) Chloroform	7.67	83	214764	54.297	ug/l	98
31) Cyclohexane	7.95	56	222246	54.003	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	168334	55.883	ug/l	99
36) 1,1-Dichloropropene	8.08	75	184199	56.645	ug/l	99
37) Ethyl Acetate	7.25	43	115128	61.537	ug/l	98
38) Carbon Tetrachloride	8.07	117	156478	56.210	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	210188	58.701	ug/l	97
40) Benzene	8.32	78	493018	54.127	ug/l	100
41) Methacrylonitrile	7.48	41	73219	65.470	ug/l	94
42) 1,2-Dichloroethane	8.40	62	163309	57.266	ug/l	100
43) Isopropyl Acetate	8.42	43	210901	61.296	ug/l	98
44) Trichloroethene	9.09	130	119525	54.597	ug/l	99
45) 1,2-Dichloropropane	9.37	63	133764	54.885	ug/l	99
46) Dibromomethane	9.46	93	64782	58.238	ug/l	99
47) Bromodichloromethane	9.64	83	159679	54.724	ug/l	96
48) Methyl methacrylate	9.43	41	103942	62.890	ug/l	97
49) 1,4-Dioxane	9.45	88	19541	1213.251	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	587702	328.387	ug/l	99
52) Toluene	10.38	92	301535	54.818	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	160437	52.636	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	187142	51.638	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	90511	57.348	ug/l	98
56) Ethyl methacrylate	10.65	69	140221	60.714	ug/l	98
57) 1,3-Dichloropropane	10.93	76	173509	58.109	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	360355	343.648	ug/l	100
59) 2-Hexanone	10.97	43	398248	315.165	ug/l	99
60) Dibromochloromethane	11.13	129	99537	56.816	ug/l	98
61) 1,2-Dibromoethane	11.23	107	88037	58.944	ug/l	98
64) Tetrachloroethene	10.86	164	116864	64.841	ug/l	99
65) Chlorobenzene	11.66	112	298314	53.604	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	106397	54.887	ug/l	100
67) Ethyl Benzene	11.73	91	582187	54.928	ug/l	99
68) m/p-Xylenes	11.84	106	422705	109.664	ug/l	99
69) o-Xylene	12.16	106	195978	54.714	ug/l	98
70) Styrene	12.18	104	341201	55.094	ug/l	100
71) Bromoform	12.35	173	57742	58.422	ug/l	98
73) Isopropylbenzene	12.46	105	553030	55.289	ug/l	99
74) N-amyl acetate	12.27	43	170042	54.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	115580	61.431	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	80824m	56.970	ug/l	
77) Bromobenzene	12.74	156	120920	54.694	ug/l	98
78) n-propylbenzene	12.80	91	674090	55.375	ug/l	99
79) 2-Chlorotoluene	12.89	91	378959	54.037	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	458992	54.742	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33394	54.248	ug/l	97
82) 4-Chlorotoluene	12.99	91	398265	54.126	ug/l	100
83) tert-Butylbenzene	13.21	119	393261	56.087	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	463538	54.881	ug/l	99
85) sec-Butylbenzene	13.38	105	567227	56.696	ug/l	100
86) p-Isopropyltoluene	13.50	119	502360	55.342	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	227425	52.462	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	226967	52.632	ug/l	100
89) n-Butylbenzene	13.82	91	490811	54.181	ug/l	99
90) Hexachloroethane	14.09	117	87374	54.434	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	209687	54.690	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20402	63.589	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	142194	52.622	ug/l	100
94) Hexachlorobutadiene	15.24	225	92900	55.129	ug/l	98
95) Naphthalene	15.36	128	301471	56.668	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	131013	55.312	ug/l	98

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

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