

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080419\
 Data File : VW011657.D
 Acq On : 03 Aug 2019 11:09
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 04 01:49:21 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	251246	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	393310	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	342324	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	164088	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	150068	52.02	ug/l	0.00
Spiked Amount			Recovery	=	104.04%	
35) Dibromofluoromethane	7.88	113	122367	55.46	ug/l	0.00
Spiked Amount			Recovery	=	110.92%	
50) Toluene-d8	10.32	98	511937	56.67	ug/l	0.00
Spiked Amount			Recovery	=	113.34%	
62) 4-Bromofluorobenzene	12.62	95	175994	54.64	ug/l	0.00
Spiked Amount			Recovery	=	109.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	73646	52.596	ug/l	97
3) Chloromethane	2.21	50	111273	45.829	ug/l	99
4) Vinyl Chloride	2.36	62	151947	51.980	ug/l	99
5) Bromomethane	2.77	94	75849	46.878	ug/l	97
6) Chloroethane	2.92	64	85232	51.044	ug/l	99
7) Trichlorofluoromethane	3.25	101	79031	60.495	ug/l	98
8) Diethyl Ether	3.68	74	71857	48.512	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	135837	54.812	ug/l	99
10) Methyl Iodide	4.27	142	180576	51.561	ug/l	99
11) Tert butyl alcohol	5.18	59	44484	205.776	ug/l	100
12) 1,1-Dichloroethene	4.04	96	137148	52.414	ug/l	98
13) Acrolein	3.89	56	69883	337.586	ug/l	98
14) Allyl chloride	4.67	41	295938	53.176	ug/l	98
15) Acrylonitrile	5.37	53	176300	238.434	ug/l	99
16) Acetone	4.12	43	238015	259.357	ug/l	98
17) Carbon Disulfide	4.38	76	428779	52.356	ug/l	100
18) Methyl Acetate	4.67	43	92683	44.956	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	205111	49.397	ug/l	97
20) Methylene Chloride	4.92	84	142955	45.167	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	146683	51.997	ug/l	97
22) Diisopropyl ether	6.31	45	527264	50.251	ug/l	98
23) Vinyl Acetate	6.25	43	1664549	252.468	ug/l	100
24) 1,1-Dichloroethane	6.21	63	290132	51.629	ug/l	99
25) 2-Butanone	7.17	43	285865	238.051	ug/l	98
26) 2,2-Dichloropropane	7.17	77	169109	48.933	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	154832	49.869	ug/l	99
28) Bromochloromethane	7.51	49	121151	48.571	ug/l	98
29) Tetrahydrofuran	7.52	42	160947	234.474	ug/l	100
30) Chloroform	7.68	83	261922	50.521	ug/l	95
31) Cyclohexane	7.95	56	277015	51.354	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	212338	53.780	ug/l	100
36) 1,1-Dichloropropene	8.08	75	227652	55.665	ug/l	100
37) Ethyl Acetate	7.25	43	116389	49.466	ug/l	99
38) Carbon Tetrachloride	8.07	117	196615	56.159	ug/l	99

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39) Methylcyclohexane	9.34	83	260403	57.826	ug/l	99
40) Benzene	8.32	78	605810	52.884	ug/l	99
41) Methacrylonitrile	7.48	41	69918	49.710	ug/l	96
42) 1,2-Dichloroethane	8.40	62	183700	51.219	ug/l	100
43) Isopropyl Acetate	8.42	43	219497	50.725	ug/l	99
44) Trichloroethene	9.09	130	148843	54.060	ug/l	98
45) 1,2-Dichloropropane	9.37	63	160730	52.439	ug/l	98
46) Dibromomethane	9.46	93	71994	51.462	ug/l	99
47) Bromodichloromethane	9.64	83	193100	52.620	ug/l	99
48) Methyl methacrylate	9.43	41	105244	50.632	ug/l	98
49) 1,4-Dioxane	9.46	88	19737	974.366	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	559904	248.759	ug/l	99
52) Toluene	10.39	92	370656	53.579	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	200593	52.328	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	242849	53.281	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100287	50.524	ug/l	98
56) Ethyl methacrylate	10.65	69	151564	52.181	ug/l	100
57) 1,3-Dichloropropane	10.93	76	191253	50.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	395143	299.623	ug/l	100
59) 2-Hexanone	10.97	43	414819	261.024	ug/l	100
60) Dibromochloromethane	11.13	129	115798	52.556	ug/l	99
61) 1,2-Dibromoethane	11.24	107	93113	49.570	ug/l	98
64) Tetrachloroethene	10.86	164	121998	54.735	ug/l	99
65) Chlorobenzene	11.66	112	363994	52.888	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	128605	53.646	ug/l	100
67) Ethyl Benzene	11.73	91	726280	55.409	ug/l	100
68) m/p-Xylenes	11.84	106	524459	110.022	ug/l	100
69) o-Xylene	12.16	106	241983	54.628	ug/l	100
70) Styrene	12.18	104	416233	54.346	ug/l	100
71) Bromoform	12.35	173	63541	51.986	ug/l #	98
73) Isopropylbenzene	12.46	105	686449	56.076	ug/l	100
74) N-amyl acetate	12.27	43	201985	52.704	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	119411	51.859	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	82341m	47.425	ug/l	
77) Bromobenzene	12.74	156	146224	54.043	ug/l	99
78) n-propylbenzene	12.80	91	848205	56.935	ug/l	100
79) 2-Chlorotoluene	12.89	91	467789	54.504	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	578988	56.424	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.51	75	40544	53.817	ug/l	99
82) 4-Chlorotoluene	12.99	91	498824	55.394	ug/l	99
83) tert-Butylbenzene	13.21	119	487684	56.833	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	572779	55.412	ug/l	100
85) sec-Butylbenzene	13.38	105	702296	57.359	ug/l	100
86) p-Isopropyltoluene	13.50	119	632142	56.903	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	287728	54.234	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	280074	53.069	ug/l	99
89) n-Butylbenzene	13.82	91	644696	58.153	ug/l	99
90) Hexachloroethane	14.09	117	110727	56.367	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	250710	53.430	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	20209	51.468	ug/l	99

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93) 1,2,4-Trichlorobenzene	15.13	180	183832	55.589	ug/l	99
94) Hexachlorobutadiene	15.24	225	118996	57.701	ug/l	98
95) Naphthalene	15.37	128	327011	50.461	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	158660	54.734	ug/l	99

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

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