

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012119\
 Data File : VW008366.D
 Acq On : 21 Jan 2019 10:50
 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: Jan 22 03:45:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 18 00:57:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	146416	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	235739	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	209941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	103918	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68726	45.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.24%	
35) Dibromofluoromethane	7.88	113	70224	46.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.34%	
50) Toluene-d8	10.32	98	297845	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	12.62	95	98704	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	46863	50.796	ug/l	96
3) Chloromethane	2.21	50	61583	45.537	ug/l	99
4) Vinyl Chloride	2.37	62	95355	55.183	ug/l	90
5) Bromomethane	2.78	94	68769	52.515	ug/l	91
6) Chloroethane	2.93	64	59933	52.990	ug/l	98
7) Trichlorofluoromethane	3.26	101	81172	63.978	ug/l	98
8) Diethyl Ether	3.68	74	38011	43.204	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	80750	54.667	ug/l	95
10) Methyl Iodide	4.27	142	117807	49.451	ug/l	99
11) Tert butyl alcohol	5.20	59	20238	197.351	ug/l #	84
12) 1,1-Dichloroethene	4.03	96	76701	51.054	ug/l	91
13) Acrolein	3.89	56	27819	261.585	ug/l	90
14) Allyl chloride	4.67	41	134623	53.601	ug/l	99
15) Acrylonitrile	5.37	53	76145	225.305	ug/l	99
16) Acetone	4.13	43	86360	244.154	ug/l	99
17) Carbon Disulfide	4.37	76	252236	55.176	ug/l	98
18) Methyl Acetate	4.67	43	39962	42.295	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	108525	47.190	ug/l	100
20) Methylene Chloride	4.91	84	84123	51.353	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	87410	51.803	ug/l	97
22) Diisopropyl ether	6.31	45	247820	50.540	ug/l	99
23) Vinyl Acetate	6.26	43	657083	250.691	ug/l	99
24) 1,1-Dichloroethane	6.21	63	152053	50.929	ug/l	99
25) 2-Butanone	7.17	43	106743	235.618	ug/l	98
26) 2,2-Dichloropropane	7.17	77	104684	54.944	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	91292	49.937	ug/l	97
28) Bromochloromethane	7.51	49	60902	49.512	ug/l #	98
29) Tetrahydrofuran	7.53	42	64348	227.838	ug/l	98
30) Chloroform	7.68	83	147559	49.953	ug/l	97
31) Cyclohexane	7.96	56	153895	54.100	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	131709	53.127	ug/l	99
36) 1,1-Dichloropropene	8.08	75	126913	53.511	ug/l	99
37) Ethyl Acetate	7.26	43	41939	42.880	ug/l	99
38) Carbon Tetrachloride	8.07	117	123490	52.729	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	166319	58.954	ug/l	96
40) Benzene	8.32	78	347803	51.769	ug/l	100
41) Methacrylonitrile	7.49	41	24564	43.143	ug/l	96
42) 1,2-Dichloroethane	8.40	62	89139	47.449	ug/l	100
43) Isopropyl Acetate	8.43	43	80840	43.757	ug/l	98
44) Trichloroethene	9.09	130	92808	50.421	ug/l	91
45) 1,2-Dichloropropane	9.37	63	84581	50.683	ug/l	98
46) Dibromomethane	9.46	93	40448	46.504	ug/l	96
47) Bromodichloromethane	9.65	83	106872	49.813	ug/l	96
48) Methyl methacrylate	9.43	41	42697	49.094	ug/l	93
49) 1,4-Dioxane	9.46	88	12870	919.171	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	213253	227.962	ug/l	99
52) Toluene	10.39	92	225780	53.104	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	105096	49.080	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	128163	50.773	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	56243	46.621	ug/l	96
56) Ethyl methacrylate	10.65	69	65085	45.938	ug/l	98
57) 1,3-Dichloropropane	10.93	76	100105	47.791	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	162291	237.476	ug/l	100
59) 2-Hexanone	10.97	43	163818	249.931	ug/l	97
60) Dibromochloromethane	11.13	129	69225	48.080	ug/l	99
61) 1,2-Dibromoethane	11.24	107	54277	46.462	ug/l	99
64) Tetrachloroethene	10.87	164	79691	54.135	ug/l	97
65) Chlorobenzene	11.66	112	240962	52.620	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	80937	51.354	ug/l	98
67) Ethyl Benzene	11.73	91	436049	54.841	ug/l	99
68) m/p-Xylenes	11.84	106	338399	109.649	ug/l	99
69) o-Xylene	12.17	106	157667	54.683	ug/l	99
70) Styrene	12.18	104	249651	53.904	ug/l	99
71) Bromoform	12.35	173	38150	48.590	ug/l #	97
73) Isopropylbenzene	12.47	105	437664	57.802	ug/l	100
74) N-amyl acetate	12.27	43	76748	47.298	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	61540	47.783	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	47379m	50.066	ug/l	
77) Bromobenzene	12.75	156	92597	50.913	ug/l	95
78) n-propylbenzene	12.81	91	530293	57.863	ug/l	100
79) 2-Chlorotoluene	12.90	91	280828	53.631	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	354589	56.120	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	19772	49.860	ug/l	97
82) 4-Chlorotoluene	12.99	91	298334	54.522	ug/l	99
83) tert-Butylbenzene	13.21	119	318992	57.361	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	362926	56.385	ug/l	99
85) sec-Butylbenzene	13.39	105	468794	58.712	ug/l	99
86) p-Isopropyltoluene	13.51	119	410128	58.810	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	193422	53.526	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	189855	52.442	ug/l	99
89) n-Butylbenzene	13.83	91	393233	58.784	ug/l	100
90) Hexachloroethane	14.10	117	71972	55.767	ug/l	95
91) 1,2-Dichlorobenzene	13.88	146	165189	51.776	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9642	45.785	ug/l	95

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93) 1,2,4-Trichlorobenzene	15.14	180	109720	50.802	ug/l	98
94) Hexachlorobutadiene	15.24	225	65647	53.933	ug/l	96
95) Naphthalene	15.38	128	182880	46.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	91770	48.783	ug/l	100

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

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