

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082719\
 Data File : VW012221.D
 Acq On : 27 Aug 2019 19:27
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 28 06:49:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 26 07:18:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	250270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	406070	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168361	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	159512	53.62	ug/l	0.00
Spiked Amount			Recovery	=	107.24%	
35) Dibromofluoromethane	7.88	113	129987	53.63	ug/l	0.00
Spiked Amount			Recovery	=	107.26%	
50) Toluene-d8	10.32	98	527130	53.64	ug/l	0.00
Spiked Amount			Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	186297	53.78	ug/l	0.00
Spiked Amount			Recovery	=	107.56%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	82874	53.779	ug/l	99
3) Chloromethane	2.21	50	128363	53.765	ug/l	99
4) Vinyl Chloride	2.36	62	157733	53.978	ug/l	97
5) Bromomethane	2.77	94	85257	57.610	ug/l	97
6) Chloroethane	2.92	64	93224	56.553	ug/l	98
7) Trichlorofluoromethane	3.26	101	87632	59.723	ug/l	97
8) Diethyl Ether	3.68	74	81939	58.833	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	133803	53.648	ug/l	98
10) Methyl Iodide	4.27	142	193620	57.376	ug/l	99
11) Tert butyl alcohol	5.17	59	52676	294.214	ug/l	99
12) 1,1-Dichloroethene	4.04	96	138326	55.103	ug/l	98
13) Acrolein	3.89	56	37043	219.795	ug/l	98
14) Allyl chloride	4.67	41	311224	57.992	ug/l	99
15) Acrylonitrile	5.37	53	201397	291.740	ug/l	99
16) Acetone	4.12	43	180025	236.720	ug/l	99
17) Carbon Disulfide	4.38	76	423023	55.759	ug/l	99
18) Methyl Acetate	4.67	43	109897	58.344	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	247708	61.018	ug/l	99
20) Methylene Chloride	4.92	84	160025	55.661	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	152198	56.538	ug/l	99
22) Diisopropyl ether	6.31	45	581615	58.467	ug/l	97
23) Vinyl Acetate	6.25	43	1851695	302.467	ug/l	99
24) 1,1-Dichloroethane	6.21	63	306052	56.505	ug/l	100
25) 2-Butanone	7.16	43	285584	276.346	ug/l	99
26) 2,2-Dichloropropane	7.16	77	172714	56.337	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	167400	58.204	ug/l	99
28) Bromochloromethane	7.51	49	120706	51.131	ug/l	97
29) Tetrahydrofuran	7.52	42	184538	297.635	ug/l	99
30) Chloroform	7.68	83	276144	55.726	ug/l	98
31) Cyclohexane	7.95	56	278420	51.956	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	221633	56.538	ug/l	99
36) 1,1-Dichloropropene	8.08	75	229119	54.601	ug/l	100
37) Ethyl Acetate	7.25	43	130864	56.910	ug/l	99
38) Carbon Tetrachloride	8.07	117	199240	54.857	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	261169	55.401	ug/l	96
40) Benzene	8.32	78	643185	56.133	ug/l	98
41) Methacrylonitrile	7.48	41	80162	59.314	ug/l	98
42) 1,2-Dichloroethane	8.40	62	200405	55.806	ug/l	99
43) Isopropyl Acetate	8.42	43	251800	59.117	ug/l	99
44) Trichloroethene	9.09	130	155520	55.833	ug/l	98
45) 1,2-Dichloropropane	9.37	63	174971	56.740	ug/l	96
46) Dibromomethane	9.46	93	78379	57.125	ug/l	99
47) Bromodichloromethane	9.65	83	209242	57.301	ug/l	99
48) Methyl methacrylate	9.43	41	121814	60.088	ug/l	98
49) 1,4-Dioxane	9.45	88	21971	1046.013	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	643170	296.877	ug/l	100
52) Toluene	10.38	92	389690	56.613	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	219486	59.008	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	259664	57.816	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	112096	57.744	ug/l	100
56) Ethyl methacrylate	10.65	69	171808	60.809	ug/l	99
57) 1,3-Dichloropropane	10.93	76	212597	57.952	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	407704	281.169	ug/l	100
59) 2-Hexanone	10.97	43	435835	284.320	ug/l	100
60) Dibromochloromethane	11.13	129	127769	59.091	ug/l	99
61) 1,2-Dibromoethane	11.23	107	106370	58.815	ug/l	100
64) Tetrachloroethene	10.86	164	127099	55.688	ug/l	100
65) Chlorobenzene	11.66	112	392267	56.589	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	139375	57.634	ug/l	99
67) Ethyl Benzene	11.73	91	761022	56.992	ug/l	99
68) m/p-Xylenes	11.83	106	549724	114.289	ug/l	98
69) o-Xylene	12.16	106	256088	57.525	ug/l	99
70) Styrene	12.18	104	447952	58.134	ug/l	100
71) Bromoform	12.35	173	72434	60.119	ug/l #	99
73) Isopropylbenzene	12.46	105	710035	56.283	ug/l	99
74) N-amyl acetate	12.27	43	230174	60.389	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	132547	57.310	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	88549m	54.003	ug/l	
77) Bromobenzene	12.74	156	156018	57.165	ug/l	99
78) n-propylbenzene	12.80	91	863215	56.049	ug/l	99
79) 2-Chlorotoluene	12.89	91	491208	56.178	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	596268	56.564	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	44784	59.883	ug/l	97
82) 4-Chlorotoluene	12.99	91	513594	56.097	ug/l	100
83) tert-Butylbenzene	13.21	119	513510	57.507	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	600199	56.680	ug/l	100
85) sec-Butylbenzene	13.38	105	720028	56.282	ug/l	100
86) p-Isopropyltoluene	13.50	119	648401	56.753	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	299695	56.141	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	296835	56.001	ug/l	100
89) n-Butylbenzene	13.82	91	640502	56.375	ug/l	99
90) Hexachloroethane	14.09	117	114291	57.018	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	265829	56.764	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22088	56.650	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	189216	58.467	ug/l	99
94) Hexachlorobutadiene	15.24	225	120570	56.422	ug/l	98
95) Naphthalene	15.36	128	363246	56.577	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	168781	59.776	ug/l	99

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

