

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW052019\
 Data File : VW010456.D
 Acq On : 20 May 2019 19:14
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
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MMDadoda
 5/21/2019 11:29:06 AM

Quant Time: May 21 06:59:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 06:38:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	138301	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	243270	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	215280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	105137	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	75929	53.19	ug/l	0.00
Spiked Amount			Recovery	=	106.38%	
35) Dibromofluoromethane	7.88	113	77403	52.44	ug/l	0.00
Spiked Amount			Recovery	=	104.88%	
50) Toluene-d8	10.32	98	297156	52.70	ug/l	0.00
Spiked Amount			Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.62	95	113824	50.68	ug/l	0.00
Spiked Amount			Recovery	=	101.36%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	68902	55.955	ug/l	100
3) Chloromethane	2.21	50	80517	55.411	ug/l	96
4) Vinyl Chloride	2.35	62	91607	54.426	ug/l	99
5) Bromomethane	2.75	94	64979	56.117	ug/l	96
6) Chloroethane	2.91	64	60752	56.227	ug/l	100
7) Trichlorofluoromethane	3.25	101	135059	54.351	ug/l	96
8) Diethyl Ether	3.68	74	42434	53.870	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	82140	53.675	ug/l	100
10) Methyl Iodide	4.26	142	95279	54.471	ug/l	99
11) Tert butyl alcohol	5.17	59	32557	253.554	ug/l	99
12) 1,1-Dichloroethene	4.03	96	78632	53.827	ug/l	99
13) Acrolein	3.90	56	17800	236.722	ug/l	96
14) Allyl chloride	4.67	41	116473	55.082	ug/l	99
15) Acrylonitrile	5.37	53	88169	267.266	ug/l	99
16) Acetone	4.12	43	75501	259.111	ug/l	96
17) Carbon Disulfide	4.37	76	245622	56.371	ug/l	100
18) Methyl Acetate	4.67	43	36235	50.846	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	204709	54.969	ug/l	97
20) Methylene Chloride	4.92	84	87086	51.042	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	91828	54.803	ug/l	97
22) Diisopropyl ether	6.31	45	234802	54.154	ug/l	99
23) Vinyl Acetate	6.26	43	714360	275.820	ug/l	98
24) 1,1-Dichloroethane	6.21	63	144554	55.868	ug/l	99
25) 2-Butanone	7.17	43	111506	267.401	ug/l	99
26) 2,2-Dichloropropane	7.17	77	131895	53.515	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	100875	55.375	ug/l	100
28) Bromochloromethane	7.51	49	51926	56.053	ug/l	98
29) Tetrahydrofuran	7.52	42	73748	261.357	ug/l	100
30) Chloroform	7.68	83	154193	55.249	ug/l	100
31) Cyclohexane	7.95	56	138974	51.276	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	146631	54.970	ug/l	99
36) 1,1-Dichloropropene	8.09	75	121778	53.737	ug/l	100
37) Ethyl Acetate	7.26	43	49346	51.205	ug/l	97
38) Carbon Tetrachloride	8.07	117	132534	54.214	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	165385	54.472	ug/l	99
40) Benzene	8.32	78	344081	54.627	ug/l	99
41) Methacrylonitrile	7.48	41	28635	50.009	ug/l	99
42) 1,2-Dichloroethane	8.40	62	97661	54.249	ug/l	100
43) Isopropyl Acetate	8.42	43	101334	52.635	ug/l	99
44) Trichloroethene	9.09	130	100192	53.580	ug/l	98
45) 1,2-Dichloropropane	9.37	63	82685	55.273	ug/l	99
46) Dibromomethane	9.46	93	47126	53.867	ug/l	99
47) Bromodichloromethane	9.65	83	120581	54.847	ug/l	100
48) Methyl methacrylate	9.43	41	45661	51.842	ug/l	99
49) 1,4-Dioxane	9.45	88	15206	1064.006	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	254774	261.156	ug/l	100
52) Toluene	10.39	92	229115	54.164	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	119622	53.725	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	138442	54.443	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	68174	54.190	ug/l	97
56) Ethyl methacrylate	10.65	69	91828	52.925	ug/l	100
57) 1,3-Dichloropropane	10.93	76	114078	54.134	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	195070	253.829	ug/l	100
59) 2-Hexanone	10.97	43	178728	256.824	ug/l	100
60) Dibromochloromethane	11.13	129	87159	54.742	ug/l	100
61) 1,2-Dibromoethane	11.24	107	68912	54.075	ug/l	99
64) Tetrachloroethene	10.86	164	81967	54.619	ug/l	98
65) Chlorobenzene	11.66	112	250421	54.580	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	90488	55.056	ug/l	100
67) Ethyl Benzene	11.73	91	436589	53.897	ug/l	100
68) m/p-Xylenes	11.84	106	345761	108.823	ug/l	100
69) o-Xylene	12.16	106	164280	54.573	ug/l	99
70) Styrene	12.18	104	281323	55.079	ug/l	99
71) Bromoform	12.35	173	50297	55.572	ug/l #	99
73) Isopropylbenzene	12.46	105	442341	53.020	ug/l	100
74) N-amyl acetate	12.27	43	98927	51.745	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	77599	51.137	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	54009m	50.608	ug/l	
77) Bromobenzene	12.75	156	101373	54.297	ug/l	99
78) n-propylbenzene	12.80	91	514880	52.956	ug/l	100
79) 2-Chlorotoluene	12.90	91	296555	52.596	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	378602	53.581	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	25740	50.337	ug/l	97
82) 4-Chlorotoluene	12.99	91	310274	53.016	ug/l	99
83) tert-Butylbenzene	13.21	119	324763	52.617	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	374513	53.217	ug/l	100
85) sec-Butylbenzene	13.38	105	456391	52.838	ug/l	100
86) p-Isopropyltoluene	13.50	119	414878	53.066	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	195309	53.320	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	197322	53.692	ug/l	99
89) n-Butylbenzene	13.83	91	395936	53.242	ug/l	99
90) Hexachloroethane	14.10	117	82072	54.235	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	178451	53.468	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14398	51.027	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	122001	53.726	ug/l	98
94) Hexachlorobutadiene	15.24	225	66098	54.486	ug/l	99
95) Naphthalene	15.37	128	256363	53.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	105029	53.752	ug/l	98

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

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