

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091719\
 Data File : VW013078.D
 Acq On : 17 Sep 2019 09:42
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/19/2019 1:27:19 AM

Quant Time: Sep 18 06:01:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 13 17:26:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	332971	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	483975	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	415178	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	210710	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	153503	49.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.84%	
35) Dibromofluoromethane	7.88	113	140491	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
50) Toluene-d8	10.32	98	561087	54.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.20%	
62) 4-Bromofluorobenzene	12.62	95	197290	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70309	55.676	ug/l	93
3) Chloromethane	2.21	50	87319	54.980	ug/l	99
4) Vinyl Chloride	2.35	62	119998	50.350	ug/l	96
5) Bromomethane	2.78	94	69393	47.678	ug/l	98
6) Chloroethane	2.92	64	75056	51.348	ug/l	99
7) Trichlorofluoromethane	3.25	101	82298	49.380	ug/l	99
8) Diethyl Ether	3.68	74	64523	49.581	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	127358	50.384	ug/l	98
10) Methyl Iodide	4.26	142	161877	51.171	ug/l	98
11) Tert butyl alcohol	5.20	59	48519	232.200	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	117091	50.946	ug/l	96
13) Acrolein	3.89	56	65731	291.093	ug/l	99
14) Allyl chloride	4.66	41	233096	53.422	ug/l	96
15) Acrylonitrile	5.37	53	164209	247.056	ug/l	99
16) Acetone	4.12	43	177689	267.667	ug/l	98
17) Carbon Disulfide	4.38	76	218758	47.761	ug/l	96
18) Methyl Acetate	4.67	43	81046	46.258	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	232580	51.265	ug/l	98
20) Methylene Chloride	4.91	84	133980	54.382	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	124050	50.394	ug/l	97
22) Diisopropyl ether	6.31	45	485926	53.608	ug/l	95
23) Vinyl Acetate	6.25	43	1436334	264.565	ug/l	97
24) 1,1-Dichloroethane	6.21	63	266271	50.949	ug/l	100
25) 2-Butanone	7.17	43	243517	249.033	ug/l	100
26) 2,2-Dichloropropane	7.16	77	178434	54.159	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	153328	52.027	ug/l	98
28) Bromochloromethane	7.51	49	114113	51.876	ug/l	98
29) Tetrahydrofuran	7.53	42	142157	255.146	ug/l	98
30) Chloroform	7.67	83	266654	50.215	ug/l	97
31) Cyclohexane	7.95	56	217958	56.073	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	216415	49.488	ug/l	98
36) 1,1-Dichloropropene	8.08	75	196833	50.896	ug/l	98
37) Ethyl Acetate	7.24	43	100284	48.853	ug/l	99
38) Carbon Tetrachloride	8.07	117	193294	48.772	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	219660	51.833	ug/l	99
40) Benzene	8.32	78	552667	51.190	ug/l	99
41) Methacrylonitrile	7.48	41	65205	48.235	ug/l	98
42) 1,2-Dichloroethane	8.40	62	172191	47.577	ug/l	98
43) Isopropyl Acetate	8.42	43	201458	51.114	ug/l	98
44) Trichloroethene	9.09	130	151488	51.226	ug/l	94
45) 1,2-Dichloropropane	9.37	63	152438	53.143	ug/l	100
46) Dibromomethane	9.46	93	69134	50.306	ug/l	98
47) Bromodichloromethane	9.64	83	199675	51.799	ug/l	99
48) Methyl methacrylate	9.43	41	93250	50.412	ug/l	98
49) 1,4-Dioxane	9.46	88	21029	913.208	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	512783	252.002	ug/l	99
52) Toluene	10.38	92	357832	52.158	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	200582	51.738	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	232222	52.351	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	106694	50.963	ug/l	97
56) Ethyl methacrylate	10.65	69	149524	53.061	ug/l	98
57) 1,3-Dichloropropane	10.93	76	192330	51.788	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	380632	251.799	ug/l	99
59) 2-Hexanone	10.97	43	371919	262.492	ug/l	100
60) Dibromochloromethane	11.13	129	127561	50.398	ug/l	96
61) 1,2-Dibromoethane	11.23	107	96684	50.625	ug/l	97
64) Tetrachloroethene	10.86	164	124818	50.535	ug/l	97
65) Chlorobenzene	11.66	112	386885	52.315	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	147433	52.023	ug/l	98
67) Ethyl Benzene	11.73	91	730809	53.507	ug/l	100
68) m/p-Xylenes	11.83	106	527118	105.645	ug/l	100
69) o-Xylene	12.16	106	250440	53.538	ug/l	99
70) Styrene	12.18	104	447282	53.752	ug/l	99
71) Bromoform	12.35	173	76309	51.262	ug/l #	100
73) Isopropylbenzene	12.46	105	720779	51.608	ug/l	100
74) N-amyl acetate	12.27	43	189977	52.878	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	122298	49.856	ug/l	96
76) 1,2,3-Trichloropropane	12.77	75	80566m	43.652	ug/l	
77) Bromobenzene	12.74	156	163486	50.811	ug/l	100
78) n-propylbenzene	12.80	91	856800	52.153	ug/l	100
79) 2-Chlorotoluene	12.89	91	485854	51.445	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	612691	51.855	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	42544	52.291	ug/l	95
82) 4-Chlorotoluene	12.99	91	518565	52.041	ug/l	99
83) tert-Butylbenzene	13.21	119	556607	52.666	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	611824	52.401	ug/l	99
85) sec-Butylbenzene	13.38	105	767081	53.273	ug/l	99
86) p-Isopropyltoluene	13.50	119	698334	52.824	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	323724	50.825	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	321379	51.345	ug/l	99
89) n-Butylbenzene	13.82	91	667214	53.516	ug/l	99
90) Hexachloroethane	14.09	117	122046	51.516	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	286569	51.162	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.48	75	20414	45.464	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	212637	53.231	ug/l	99
94) Hexachlorobutadiene	15.24	225	143793	50.848	ug/l	99
95) Naphthalene	15.36	128	360505	54.012	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	179661	50.879	ug/l	99

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

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