

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW061219\
 Data File : VW010772.D
 Acq On : 12 Jun 2019 10:59
 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
 6/13/2019 11:31:51 AM

Quant Time: Jun 13 07:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	235280	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	379334	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159099	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	149820	54.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.04%	
35) Dibromofluoromethane	7.88	113	122048	59.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.56%	
50) Toluene-d8	10.32	98	510378	56.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.06%	
62) 4-Bromofluorobenzene	12.62	95	185391	56.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	105617	48.577	ug/l	100
3) Chloromethane	2.22	50	167696	52.424	ug/l	100
4) Vinyl Chloride	2.36	62	152159	51.484	ug/l	99
5) Bromomethane	2.76	94	84212	51.887	ug/l	97
6) Chloroethane	2.91	64	92256	52.004	ug/l	99
7) Trichlorofluoromethane	3.26	101	205071	53.453	ug/l	100
8) Diethyl Ether	3.68	74	67519	49.247	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	123251	52.254	ug/l	99
10) Methyl Iodide	4.28	142	114884	47.542	ug/l	98
11) Tert butyl alcohol	5.17	59	56345	249.398	ug/l	99
12) 1,1-Dichloroethene	4.04	96	120860	53.118	ug/l	97
13) Acrolein	3.90	56	25487	276.072	ug/l	99
14) Allyl chloride	4.67	41	282389	56.287	ug/l	99
15) Acrylonitrile	5.37	53	161901	243.069	ug/l	100
16) Acetone	4.12	43	213402	287.191	ug/l	100
17) Carbon Disulfide	4.38	76	385495	53.372	ug/l	98
18) Methyl Acetate	4.67	43	75952	47.484	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	325102	49.541	ug/l	100
20) Methylene Chloride	4.92	84	134557	51.619	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	138497	53.619	ug/l	99
22) Diisopropyl ether	6.31	45	541405	53.903	ug/l	99
23) Vinyl Acetate	6.26	43	1555582	256.632	ug/l	100
24) 1,1-Dichloroethane	6.21	63	277686	55.168	ug/l	98
25) 2-Butanone	7.17	43	265207	257.391	ug/l	98
26) 2,2-Dichloropropane	7.16	77	241328	58.919	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	151962	53.460	ug/l	97
28) Bromochloromethane	7.51	49	98714	43.945	ug/l	96
29) Tetrahydrofuran	7.53	42	150655	232.459	ug/l	99
30) Chloroform	7.68	83	247843	53.832	ug/l	99
31) Cyclohexane	7.95	56	278091	49.700	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	225792	56.143	ug/l	100
36) 1,1-Dichloropropene	8.09	75	214342	55.201	ug/l	100
37) Ethyl Acetate	7.25	43	101974	47.393	ug/l	98
38) Carbon Tetrachloride	8.07	117	190620	56.869	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	260088	52.691	ug/l	99
40) Benzene	8.32	78	574021	54.190	ug/l	99
41) Methacrylonitrile	7.49	41	71081	55.577	ug/l	92
42) 1,2-Dichloroethane	8.40	62	176669	52.550	ug/l	99
43) Isopropyl Acetate	8.42	43	205102	49.340	ug/l	100
44) Trichloroethene	9.09	130	140747	53.864	ug/l	98
45) 1,2-Dichloropropane	9.37	63	152075	54.234	ug/l	97
46) Dibromomethane	9.46	93	66305	50.909	ug/l	99
47) Bromodichloromethane	9.65	83	186419	55.218	ug/l	98
48) Methyl methacrylate	9.43	41	107863	53.817	ug/l	94
49) 1,4-Dioxane	9.45	88	21957	1078.299	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	518831	244.311	ug/l	100
52) Toluene	10.39	92	354841	54.444	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	193053	53.987	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	231676	55.058	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	94565	50.401	ug/l	99
56) Ethyl methacrylate	10.65	69	145363	50.350	ug/l	97
57) 1,3-Dichloropropane	10.93	76	181429	51.311	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	364487	241.034	ug/l	99
59) 2-Hexanone	10.97	43	394778	257.216	ug/l	98
60) Dibromochloromethane	11.13	129	110824	53.284	ug/l	100
61) 1,2-Dibromoethane	11.24	107	87876	49.433	ug/l	100
64) Tetrachloroethene	10.86	164	115943	52.305	ug/l	97
65) Chlorobenzene	11.66	112	354690	54.026	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	124097	54.604	ug/l	99
67) Ethyl Benzene	11.73	91	695935	55.157	ug/l	99
68) m/p-Xylenes	11.84	106	499054	110.491	ug/l	99
69) o-Xylene	12.17	106	234218	54.676	ug/l	97
70) Styrene	12.18	104	409069	54.972	ug/l	99
71) Bromoform	12.35	173	61333	52.182	ug/l #	100
73) Isopropylbenzene	12.46	105	659840	55.191	ug/l	100
74) N-amyl acetate	12.27	43	199066	51.519	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	111530	49.002	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	82390m	49.313	ug/l	
77) Bromobenzene	12.75	156	140022	53.654	ug/l	99
78) n-propylbenzene	12.80	91	805448	55.871	ug/l	100
79) 2-Chlorotoluene	12.90	91	456375	55.411	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	548072	56.006	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	38102	52.414	ug/l	99
82) 4-Chlorotoluene	12.99	91	471101	55.427	ug/l	99
83) tert-Butylbenzene	13.21	119	464343	55.910	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	550690	55.922	ug/l	100
85) sec-Butylbenzene	13.39	105	669320	55.353	ug/l	100
86) p-Isopropyltoluene	13.50	119	607972	56.224	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	274413	54.525	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	271328	54.381	ug/l	99
89) n-Butylbenzene	13.83	91	616293	57.123	ug/l	100
90) Hexachloroethane	14.10	117	111016	57.328	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	241895	53.446	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	19970	51.094	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	174270	54.869	ug/l	98
94) Hexachlorobutadiene	15.24	225	110952	55.661	ug/l	99
95) Naphthalene	15.37	128	295578	51.222	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	147437	54.584	ug/l	100

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

