

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW111219\
 Data File : VW013993.D
 Acq On : 12 Nov 2019 22:59
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 9:33:02 AM

Quant Time: Nov 13 08:32:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W102319S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 23 14:11:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	266661	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	389708	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331432	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	165442	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107597	53.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.58%	
35) Dibromofluoromethane	7.88	113	108491	50.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.20%	
50) Toluene-d8	10.32	98	441589	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.62	95	147704	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	60939	43.378	ug/l	97
3) Chloromethane	2.21	50	60747	40.235	ug/l	95
4) Vinyl Chloride	2.36	62	113861	49.937	ug/l	100
5) Bromomethane	2.78	94	72284	48.203	ug/l	100
6) Chloroethane	2.92	64	70664	51.218	ug/l	96
7) Trichlorofluoromethane	3.26	101	60204	42.273	ug/l	98
8) Diethyl Ether	3.68	74	60723	52.774	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	119084	51.435	ug/l	98
10) Methyl Iodide	4.28	142	193242	51.220	ug/l	99
11) Tert butyl alcohol	5.16	59	40752	341.252	ug/l	98
12) 1,1-Dichloroethene	4.04	96	125601	52.519	ug/l	95
13) Acrolein	3.89	56	44284	323.680	ug/l	98
14) Allyl chloride	4.67	41	187657	51.030	ug/l	99
15) Acrylonitrile	5.37	53	133143	284.575	ug/l	99
16) Acetone	4.12	43	117190	276.296	ug/l	90
17) Carbon Disulfide	4.39	76	339835	49.479	ug/l	99
18) Methyl Acetate	4.67	43	73857	63.523	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	161670	56.333	ug/l	98
20) Methylene Chloride	4.92	84	128806	55.741	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	130271	50.610	ug/l	96
22) Diisopropyl ether	6.31	45	360063	53.677	ug/l	95
23) Vinyl Acetate	6.25	43	1053818	270.750	ug/l	99
24) 1,1-Dichloroethane	6.21	63	218992	51.548	ug/l	99
25) 2-Butanone	7.17	43	181085	296.962	ug/l	96
26) 2,2-Dichloropropane	7.16	77	109915	44.743	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	139822	51.142	ug/l	97
28) Bromochloromethane	7.51	49	80005	52.781	ug/l	99
29) Tetrahydrofuran	7.52	42	119498	316.531	ug/l	98
30) Chloroform	7.67	83	218955	52.137	ug/l	99
31) Cyclohexane	7.95	56	212436	47.783	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	172417	52.317	ug/l	99
36) 1,1-Dichloropropene	8.08	75	180620	49.766	ug/l	99
37) Ethyl Acetate	7.25	43	77943	56.101	ug/l	99
38) Carbon Tetrachloride	8.07	117	164130	50.219	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	225967	48.211	ug/l	99
40) Benzene	8.32	78	510007	49.654	ug/l	98
41) Methacrylonitrile	7.48	41	48934	56.482	ug/l	96
42) 1,2-Dichloroethane	8.40	62	136378	52.691	ug/l	99
43) Isopropyl Acetate	8.42	43	149864	56.353	ug/l	99
44) Trichloroethene	9.09	130	145939	49.603	ug/l	99
45) 1,2-Dichloropropane	9.37	63	123010	50.140	ug/l	99
46) Dibromomethane	9.46	93	61177	51.377	ug/l	98
47) Bromodichloromethane	9.65	83	162527	52.752	ug/l	95
48) Methyl methacrylate	9.43	41	74442	56.448	ug/l	99
49) 1,4-Dioxane	9.45	88	23897	1358.118	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	393016	297.405	ug/l	100
52) Toluene	10.38	92	327812	49.479	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	161498	51.779	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	194307	50.494	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	94948	53.503	ug/l	97
56) Ethyl methacrylate	10.65	69	126450	56.953	ug/l	99
57) 1,3-Dichloropropane	10.93	76	161417	53.004	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	233221	228.235	ug/l	99
59) 2-Hexanone	10.96	43	268405	294.619	ug/l	99
60) Dibromochloromethane	11.13	129	110214	52.308	ug/l	99
61) 1,2-Dibromoethane	11.23	107	89773	53.471	ug/l	99
64) Tetrachloroethene	10.86	164	131275	51.841	ug/l	97
65) Chlorobenzene	11.66	112	343172	50.387	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	123422	51.925	ug/l	98
67) Ethyl Benzene	11.73	91	619151	50.416	ug/l	100
68) m/p-Xylenes	11.83	106	476189	100.362	ug/l	98
69) o-Xylene	12.16	106	219161	50.252	ug/l	99
70) Styrene	12.18	104	387648	51.734	ug/l	99
71) Bromoform	12.35	173	69246	55.514	ug/l #	96
73) Isopropylbenzene	12.46	105	613170	51.609	ug/l	99
74) N-amyl acetate	12.27	43	135497	58.956	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	106550	56.831	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	81767m	68.821	ug/l	
77) Bromobenzene	12.74	156	148869	52.452	ug/l	99
78) n-propylbenzene	12.80	91	702713	51.101	ug/l	100
79) 2-Chlorotoluene	12.89	91	397051	51.379	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	512829	51.132	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34089	54.224	ug/l	98
82) 4-Chlorotoluene	12.99	91	417803	51.498	ug/l	100
83) tert-Butylbenzene	13.21	119	456522	51.280	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	512122	51.763	ug/l	98
85) sec-Butylbenzene	13.38	105	617418	50.716	ug/l	99
86) p-Isopropyltoluene	13.50	119	571143	50.364	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	281575	51.204	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	274709	50.284	ug/l	100
89) n-Butylbenzene	13.82	91	503482	49.187	ug/l	100
90) Hexachloroethane	14.09	117	98406	49.924	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	249850	52.400	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	17183	60.608	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	167643	48.312	ug/l	99
94) Hexachlorobutadiene	15.24	225	108932	46.501	ug/l	98
95) Naphthalene	15.36	128	288018	52.939	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	146864	49.118	ug/l	99

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

