

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062620\
 Data File : VW015738.D
 Acq On : 26 Jun 2020 09:56
 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
 6/29/2020 12:33:57 PM

Quant Time: Jun 27 02:05:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 13:20:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	194531	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	302078	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	284044	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	145576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	105436	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	7.88	113	93988	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
50) Toluene-d8	10.32	98	376419	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	141702	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	64314	55.448	ug/l	93
3) Chloromethane	2.21	50	73196	53.740	ug/l	100
4) Vinyl Chloride	2.37	62	118612	53.867	ug/l	98
5) Bromomethane	2.79	94	86728	53.589	ug/l	98
6) Chloroethane	2.93	64	83513	57.633	ug/l	99
7) Trichlorofluoromethane	3.26	101	89522	54.147	ug/l	99
8) Diethyl Ether	3.68	74	54416	56.989	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97217	49.885	ug/l	99
10) Methyl Iodide	4.27	142	137532	49.910	ug/l	100
11) Tert butyl alcohol	5.23	59	28072m	231.416	ug/l	
12) 1,1-Dichloroethene	4.03	96	95701	50.433	ug/l	98
13) Acrolein	3.90	56	32222	214.304	ug/l	99
14) Allyl chloride	4.67	41	155078	50.373	ug/l	100
15) Acrylonitrile	5.38	53	96351	244.575	ug/l	99
16) Acetone	4.15	43	113393	275.584	ug/l	100
17) Carbon Disulfide	4.38	76	274469	50.255	ug/l	99
18) Methyl Acetate	4.68	43	43200	50.820	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	145181	50.837	ug/l	99
20) Methylene Chloride	4.91	84	107007	53.715	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	108983	50.093	ug/l	99
22) Diisopropyl ether	6.31	45	310729	50.747	ug/l	97
23) Vinyl Acetate	6.26	43	932299	261.096	ug/l	99
24) 1,1-Dichloroethane	6.21	63	192253	49.880	ug/l	99
25) 2-Butanone	7.18	43	141667	254.748	ug/l	100
26) 2,2-Dichloropropane	7.17	77	122319	47.316	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	117886	50.370	ug/l	99
28) Bromochloromethane	7.51	49	75710	51.066	ug/l	98
29) Tetrahydrofuran	7.54	42	80854	247.418	ug/l	99
30) Chloroform	7.68	83	195979	49.579	ug/l	98
31) Cyclohexane	7.96	56	179209	48.066	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	167808	49.802	ug/l	98
36) 1,1-Dichloropropene	8.09	75	163083	51.906	ug/l	100
37) Ethyl Acetate	7.26	43	60743	50.634	ug/l	98
38) Carbon Tetrachloride	8.07	117	155419	51.030	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	198077	52.049	ug/l	99
40) Benzene	8.32	78	436009	51.036	ug/l	99
41) Methacrylonitrile	7.49	41	37593	54.601	ug/l	91
42) 1,2-Dichloroethane	8.40	62	134517	50.897	ug/l	100
43) Isopropyl Acetate	8.43	43	121029	50.555	ug/l	99
44) Trichloroethene	9.09	130	115966	50.361	ug/l	99
45) 1,2-Dichloropropane	9.37	63	105873	50.701	ug/l	99
46) Dibromomethane	9.46	93	54326	50.282	ug/l	99
47) Bromodichloromethane	9.65	83	143185	50.807	ug/l	100
48) Methyl methacrylate	9.44	41	56398	51.528	ug/l	98
49) 1,4-Dioxane	9.48	88	14261	1006.183	ug/l #	74
51) 4-Methyl-2-Pentanone	10.21	43	297091	257.331	ug/l	99
52) Toluene	10.39	92	286706	51.974	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	140426	51.578	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	165475	50.877	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	76531	50.946	ug/l	98
56) Ethyl methacrylate	10.65	69	99615	53.296	ug/l	97
57) 1,3-Dichloropropane	10.93	76	136667	51.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	241665	273.221	ug/l	99
59) 2-Hexanone	10.97	43	212822	270.772	ug/l	100
60) Dibromochloromethane	11.13	129	88995	50.839	ug/l	97
61) 1,2-Dibromoethane	11.24	107	73426	51.136	ug/l	100
64) Tetrachloroethene	10.87	164	98371	49.297	ug/l	97
65) Chlorobenzene	11.66	112	293114	48.944	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	103726	49.398	ug/l	98
67) Ethyl Benzene	11.73	91	566327	50.812	ug/l	100
68) m/p-Xylenes	11.84	106	432412	103.321	ug/l	100
69) o-Xylene	12.17	106	197170	51.239	ug/l	100
70) Styrene	12.18	104	343472	52.243	ug/l	99
71) Bromoform	12.35	173	49174	50.897	ug/l #	98
73) Isopropylbenzene	12.46	105	562512	50.653	ug/l	99
74) N-amyl acetate	12.27	43	119440	50.736	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	87467	49.233	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	64807m	48.805	ug/l	
77) Bromobenzene	12.75	156	120640	48.719	ug/l	97
78) n-propylbenzene	12.80	91	683976	51.169	ug/l	99
79) 2-Chlorotoluene	12.90	91	384212	51.048	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	483964	51.432	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	26731	50.730	ug/l	94
82) 4-Chlorotoluene	12.99	91	399568	50.181	ug/l	99
83) tert-Butylbenzene	13.21	119	405461	50.998	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	480447	51.198	ug/l	100
85) sec-Butylbenzene	13.38	105	591423	52.049	ug/l	100
86) p-Isopropyltoluene	13.50	119	544308	52.724	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	245288	49.899	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	242541	49.818	ug/l	96
89) n-Butylbenzene	13.82	91	516682	52.135	ug/l	100
90) Hexachloroethane	14.10	117	91998	50.074	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	216696	50.985	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14522	51.047	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	143576	51.155	ug/l	99
94) Hexachlorobutadiene	15.24	225	89234	49.906	ug/l	100
95) Naphthalene	15.37	128	250920	54.052	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	121648	50.340	ug/l	98

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

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