

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015655.D
 Acq On : 23 Jun 2020 12:03
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:14 AM

Quant Time: Jun 23 12:49:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 23 12:41:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	218797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	337679	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	312007	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	159809	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	115963	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	103190	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
50) Toluene-d8	10.33	98	419582	51.69	ug/l	0.00
Spiked Amount			Recovery	=	103.38%	
62) 4-Bromofluorobenzene	12.62	95	154939	52.62	ug/l	0.00
Spiked Amount			Recovery	=	105.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	71805	57.810	ug/l	100
3) Chloromethane	2.22	50	75068	49.673	ug/l	100
4) Vinyl Chloride	2.37	62	129937	54.764	ug/l	100
5) Bromomethane	2.79	94	89402	53.569	ug/l	100
6) Chloroethane	2.93	64	85291	55.519	ug/l	100
7) Trichlorofluoromethane	3.26	101	103841	58.268	ug/l	100
8) Diethyl Ether	3.68	74	54024	51.483	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	112562	52.604	ug/l	100
10) Methyl Iodide	4.27	142	160119	51.164	ug/l	100
11) Tert butyl alcohol	5.18	59	33351	191.342	ug/l	100
12) 1,1-Dichloroethene	4.04	96	111007	52.308	ug/l	100
13) Acrolein	3.89	56	39496	275.847	ug/l	100
14) Allyl chloride	4.67	41	177260	49.777	ug/l	100
15) Acrylonitrile	5.37	53	109592	257.222	ug/l	100
16) Acetone	4.12	43	123029	263.980	ug/l	100
17) Carbon Disulfide	4.38	76	331907	52.453	ug/l	100
18) Methyl Acetate	4.67	43	48249	47.730	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	162416	50.632	ug/l	100
20) Methylene Chloride	4.92	84	118377	49.042	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	124327	52.077	ug/l	100
22) Diisopropyl ether	6.32	45	358649	53.076	ug/l	100
23) Vinyl Acetate	6.26	43	1061669	267.859	ug/l	100
24) 1,1-Dichloroethane	6.22	63	218706	51.329	ug/l	100
25) 2-Butanone	7.18	43	156599	261.173	ug/l	100
26) 2,2-Dichloropropane	7.17	77	144659	48.384	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	137321	52.893	ug/l	100
28) Bromochloromethane	7.52	49	80575	50.444	ug/l	100
29) Tetrahydrofuran	7.54	42	92612	258.854	ug/l	100
30) Chloroform	7.68	83	227185	52.819	ug/l	100
31) Cyclohexane	7.96	56	212317	50.507	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	198168	53.138	ug/l	100
36) 1,1-Dichloropropene	8.09	75	189274	54.747	ug/l	100
37) Ethyl Acetate	7.26	43	68252	52.388	ug/l	100
38) Carbon Tetrachloride	8.07	117	184731	54.859	ug/l	100

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39) Methylcyclohexane	9.34	83	236625	55.533	ug/l	100
40) Benzene	8.33	78	508620	54.708	ug/l	100
41) Methacrylonitrile	7.49	41	39013	52.887	ug/l	100
42) 1,2-Dichloroethane	8.40	62	155658	55.149	ug/l	100
43) Isopropyl Acetate	8.43	43	138030	53.396	ug/l	100
44) Trichloroethene	9.10	130	137433	55.194	ug/l	100
45) 1,2-Dichloropropane	9.37	63	122515	54.273	ug/l	100
46) Dibromomethane	9.46	93	62826	54.871	ug/l	100
47) Bromodichloromethane	9.65	83	167384	53.915	ug/l	100
48) Methyl methacrylate	9.44	41	65141	54.978	ug/l	100
49) 1,4-Dioxane	9.44	88	16302	1081.056	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	332880	270.891	ug/l	100
52) Toluene	10.39	92	331841	55.281	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	164774	54.282	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	196529	54.510	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	87451	54.730	ug/l	100
56) Ethyl methacrylate	10.65	69	113567	55.073	ug/l	100
57) 1,3-Dichloropropane	10.93	76	154679	54.633	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	246067	249.554	ug/l	100
59) 2-Hexanone	10.97	43	233555	276.482	ug/l	100
60) Dibromochloromethane	11.13	129	106281	54.670	ug/l	100
61) 1,2-Dibromoethane	11.24	107	84316	55.212	ug/l	100
64) Tetrachloroethene	10.87	164	116441	54.737	ug/l	100
65) Chlorobenzene	11.66	112	347470	54.233	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	123111	53.889	ug/l	100
67) Ethyl Benzene	11.73	91	658230	54.558	ug/l	100
68) m/p-Xylenes	11.84	106	494858	109.855	ug/l	100
69) o-Xylene	12.17	106	228570	54.661	ug/l	100
70) Styrene	12.18	104	393833	55.143	ug/l	100
71) Bromoform	12.35	173	57985	53.730	ug/l	# 100
73) Isopropylbenzene	12.46	105	646132	52.749	ug/l	100
74) N-amyl acetate	12.27	43	134095	52.147	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	98301	52.844	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	74676m	55.504	ug/l	
77) Bromobenzene	12.75	156	141506	53.528	ug/l	100
78) n-propylbenzene	12.80	91	785245	53.510	ug/l	100
79) 2-Chlorotoluene	12.90	91	433353	52.311	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	551447	53.285	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31179	51.296	ug/l	100
82) 4-Chlorotoluene	12.99	91	459713	53.538	ug/l	100
83) tert-Butylbenzene	13.21	119	457764	52.067	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	550792	53.363	ug/l	100
85) sec-Butylbenzene	13.38	105	675944	54.124	ug/l	100
86) p-Isopropyltoluene	13.50	119	604711	53.080	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	281207	53.506	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	269725	51.945	ug/l	100
89) n-Butylbenzene	13.82	91	591751	53.914	ug/l	100
90) Hexachloroethane	14.10	117	108130	51.794	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	242012	53.015	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16154	50.908	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	166334	52.894	ug/l	100
94) Hexachlorobutadiene	15.24	225	104575	54.003	ug/l	100
95) Naphthalene	15.37	128	279413	53.399	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	138186	52.516	ug/l	100

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

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