

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW062320\
 Data File : VW015658.D
 Acq On : 23 Jun 2020 13:29
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW062320

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:58:20 AM

Quant Time: Jun 24 03:10:32 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	238019	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	369645	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	334997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	166956	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	124608	47.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.10%	
35) Dibromofluoromethane	7.88	113	110677	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	
50) Toluene-d8	10.32	98	447954	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	
62) 4-Bromofluorobenzene	12.62	95	165130	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.01	85	77336	54.492	ug/l	99
3) Chloromethane	2.21	50	80106	48.068	ug/l	98
4) Vinyl Chloride	2.37	62	132748	49.272	ug/l	100
5) Bromomethane	2.78	94	90780	45.844	ug/l	96
6) Chloroethane	2.93	64	84650	47.744	ug/l	99
7) Trichlorofluoromethane	3.26	101	96189	47.549	ug/l	97
8) Diethyl Ether	3.68	74	59622	51.033	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	114133	47.865	ug/l	99
10) Methyl Iodide	4.27	142	163169	48.395	ug/l	100
11) Tert butyl alcohol	5.18	59	42636	296.502	ug/l	98
12) 1,1-Dichloroethene	4.04	96	114082	49.135	ug/l	97
13) Acrolein	3.89	56	47172	256.413	ug/l	99
14) Allyl chloride	4.67	41	190609	50.602	ug/l	98
15) Acrylonitrile	5.37	53	120027	249.007	ug/l	99
16) Acetone	4.12	43	142972	283.986	ug/l	99
17) Carbon Disulfide	4.38	76	338939	50.721	ug/l	100
18) Methyl Acetate	4.67	43	53359	51.351	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	174059	49.813	ug/l	99
20) Methylene Chloride	4.92	84	123757	50.498	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	129645	48.703	ug/l	98
22) Diisopropyl ether	6.31	45	368615	49.202	ug/l	98
23) Vinyl Acetate	6.26	43	1130311	258.714	ug/l	100
24) 1,1-Dichloroethane	6.21	63	226134	47.951	ug/l	99
25) 2-Butanone	7.17	43	172132	252.977	ug/l	99
26) 2,2-Dichloropropane	7.17	77	147989	46.787	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	138747	48.452	ug/l	99
28) Bromochloromethane	7.51	49	87510	48.240	ug/l	99
29) Tetrahydrofuran	7.53	42	102400	256.099	ug/l	99
30) Chloroform	7.68	83	227392	47.015	ug/l	99
31) Cyclohexane	7.96	56	213035	46.699	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	197288	47.853	ug/l	99
36) 1,1-Dichloropropene	8.09	75	190616	49.579	ug/l	100
37) Ethyl Acetate	7.26	43	74437	50.707	ug/l	99
38) Carbon Tetrachloride	8.07	117	183320	49.189	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	235782	50.632	ug/l	99
40) Benzene	8.32	78	512996	49.072	ug/l	100
41) Methacrylonitrile	7.48	41	44924	53.322	ug/l	93
42) 1,2-Dichloroethane	8.40	62	156547	48.405	ug/l	99
43) Isopropyl Acetate	8.43	43	149749	51.118	ug/l	99
44) Trichloroethene	9.09	130	137468	48.787	ug/l	98
45) 1,2-Dichloropropane	9.37	63	123969	48.515	ug/l	98
46) Dibromomethane	9.46	93	64100	48.484	ug/l	99
47) Bromodichloromethane	9.65	83	169081	49.029	ug/l	100
48) Methyl methacrylate	9.44	41	70313	52.499	ug/l	99
49) 1,4-Dioxane	9.45	88	17861	1029.834	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	365765	258.904	ug/l	100
52) Toluene	10.39	92	331424	49.098	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	170441	51.160	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	201293	50.577	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	89496	48.687	ug/l	96
56) Ethyl methacrylate	10.65	69	121723	53.220	ug/l	97
57) 1,3-Dichloropropane	10.93	76	160311	49.193	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	283457	261.892	ug/l	99
59) 2-Hexanone	10.97	43	256077	266.251	ug/l	99
60) Dibromochloromethane	11.13	129	108647	50.720	ug/l	98
61) 1,2-Dibromoethane	11.24	107	86296	49.114	ug/l	98
64) Tetrachloroethene	10.87	164	114719	48.745	ug/l	98
65) Chlorobenzene	11.66	112	343985	48.702	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	122696	49.544	ug/l	99
67) Ethyl Benzene	11.73	91	655680	49.881	ug/l	98
68) m/p-Xylenes	11.84	106	497882	100.870	ug/l	100
69) o-Xylene	12.17	106	228930	50.444	ug/l	99
70) Styrene	12.18	104	395974	51.068	ug/l	100
71) Bromoform	12.35	173	58999	51.778	ug/l #	99
73) Isopropylbenzene	12.47	105	651782	51.176	ug/l	99
74) N-amyl acetate	12.27	43	143211	53.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	102717	50.413	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	75443m	49.539	ug/l	
77) Bromobenzene	12.75	156	142089	50.033	ug/l	99
78) n-propylbenzene	12.80	91	773739	50.472	ug/l	99
79) 2-Chlorotoluene	12.90	91	435763	50.484	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	540948	50.126	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	33577	55.562	ug/l	99
82) 4-Chlorotoluene	12.99	91	452394	49.540	ug/l	98
83) tert-Butylbenzene	13.21	119	456694	50.086	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	536092	49.813	ug/l	100
85) sec-Butylbenzene	13.38	105	653491	50.147	ug/l	99
86) p-Isopropyltoluene	13.50	119	597026	50.424	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	279431	49.566	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	272994	48.893	ug/l	97
89) n-Butylbenzene	13.82	91	573673	50.473	ug/l	100
90) Hexachloroethane	14.10	117	106830	50.701	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	237830	48.791	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	17238	52.835	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	162651	50.530	ug/l	100
94) Hexachlorobutadiene	15.24	225	98406	47.988	ug/l	99
95) Naphthalene	15.37	128	282976	53.152	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	135623	48.937	ug/l	98

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

