

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015790.D
 Acq On : 07 Jul 2020 12:17
 Operator : SY/VA
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICCC050

Quant Time: Jul 08 08:15:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 07:52:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	333482	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	314002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158225	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	103279	47.36	ug/l	0.00
Spiked Amount			Recovery	=	94.72%	
35) Dibromofluoromethane	7.89	113	91763	47.35	ug/l	0.00
Spiked Amount			Recovery	=	94.70%	
50) Toluene-d8	10.32	98	357977	47.67	ug/l	0.00
Spiked Amount			Recovery	=	95.34%	
62) 4-Bromofluorobenzene	12.62	95	137632	49.93	ug/l	0.00
Spiked Amount			Recovery	=	99.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	56465	49.705	ug/l	100
3) Chloromethane	2.21	50	69087	45.538	ug/l	100
4) Vinyl Chloride	2.37	62	112783	48.038	ug/l	100
5) Bromomethane	2.78	94	82550	45.216	ug/l	100
6) Chloroethane	2.93	64	76164	47.926	ug/l	100
7) Trichlorofluoromethane	3.26	101	86256	51.410	ug/l	100
8) Diethyl Ether	3.68	74	50986	48.352	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.07	101	97153	48.724	ug/l	100
10) Methyl Iodide	4.27	142	138949	50.758	ug/l	100
11) Tert butyl alcohol	5.19	59	29952	285.608	ug/l	100
12) 1,1-Dichloroethene	4.04	96	95551	49.186	ug/l	100
13) Acrolein	3.90	56	38583	256.031	ug/l	100
14) Allyl chloride	4.67	41	160120	50.793	ug/l	100
15) Acrylonitrile	5.37	53	107660	264.774	ug/l	100
16) Acetone	4.13	43	112968	279.763	ug/l	100
17) Carbon Disulfide	4.38	76	287885	49.822	ug/l	100
18) Methyl Acetate	4.68	43	46327	50.563	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	153848	53.492	ug/l	100
20) Methylene Chloride	4.92	84	108102	44.462	ug/l	100
21) trans-1,2-Dichloroethene	5.43	96	111433	49.829	ug/l	100
22) Diisopropyl ether	6.32	45	327279	51.660	ug/l	100
23) Vinyl Acetate	6.26	43	997668	266.294	ug/l	100
24) 1,1-Dichloroethane	6.22	63	200189	49.865	ug/l	100
25) 2-Butanone	7.18	43	148916	270.994	ug/l	100
26) 2,2-Dichloropropane	7.17	77	124207	49.527	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	122229	50.659	ug/l	100
28) Bromochloromethane	7.51	49	76177	47.729	ug/l	100
29) Tetrahydrofuran	7.54	42	89327	269.025	ug/l	100
30) Chloroform	7.68	83	204591	49.913	ug/l	100
31) Cyclohexane	7.96	56	177961	46.920	ug/l	100
32) 1,1,1-Trichloroethane	7.88	97	172926	50.394	ug/l	100
36) 1,1-Dichloropropene	8.09	75	166339	50.581	ug/l	100
37) Ethyl Acetate	7.26	43	64567	52.130	ug/l	100
38) Carbon Tetrachloride	8.07	117	159236	50.370	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	201566	51.809	ug/l	100
40) Benzene	8.33	78	452033	50.292	ug/l	100
41) Methacrylonitrile	7.49	41	37449	52.362	ug/l	100
42) 1,2-Dichloroethane	8.40	62	142559	51.206	ug/l	100
43) Isopropyl Acetate	8.43	43	128718	52.235	ug/l	100
44) Trichloroethene	9.09	130	119959	50.458	ug/l	100
45) 1,2-Dichloropropane	9.37	63	111594	50.652	ug/l	100
46) Dibromomethane	9.46	93	58230	51.242	ug/l	100
47) Bromodichloromethane	9.65	83	151253	51.315	ug/l	100
48) Methyl methacrylate	9.44	41	62012	53.322	ug/l	100
49) 1,4-Dioxane	9.46	88	15427	1070.898	ug/l	100
51) 4-Methyl-2-Pentanone	10.21	43	322768	267.826	ug/l	100
52) Toluene	10.39	92	295029	51.370	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	150690	53.412	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	177029	52.469	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	81321	51.458	ug/l	100
56) Ethyl methacrylate	10.65	69	105062	54.323	ug/l	100
57) 1,3-Dichloropropane	10.93	76	142909	51.330	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	246441	265.471	ug/l	100
59) 2-Hexanone	10.97	43	224675	278.391	ug/l	100
60) Dibromochloromethane	11.13	129	94162	51.501	ug/l	100
61) 1,2-Dibromoethane	11.24	107	76366	50.931	ug/l	100
64) Tetrachloroethene	10.87	164	97965	49.259	ug/l	100
65) Chlorobenzene	11.66	112	306091	49.670	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	111272	51.094	ug/l	100
67) Ethyl Benzene	11.73	91	577052	50.636	ug/l	100
68) m/p-Xylenes	11.84	106	437820	102.379	ug/l	100
69) o-Xylene	12.17	106	202808	52.057	ug/l	100
70) Styrene	12.18	104	352129	52.500	ug/l	100
71) Bromoform	12.35	173	53660	54.123	ug/l #	100
73) Isopropylbenzene	12.47	105	570397	51.120	ug/l	100
74) N-amyl acetate	12.27	43	125158	52.907	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	94830	51.392	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	68852m	46.683	ug/l	
77) Bromobenzene	12.75	156	123617	49.693	ug/l	100
78) n-propylbenzene	12.80	91	691178	50.902	ug/l	100
79) 2-Chlorotoluene	12.90	91	391727	50.709	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	482482	50.765	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	28936	53.539	ug/l	100
82) 4-Chlorotoluene	12.99	91	406613	50.355	ug/l	100
83) tert-Butylbenzene	13.21	119	409778	51.786	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	486047	51.296	ug/l	100
85) sec-Butylbenzene	13.38	105	582347	51.111	ug/l	100
86) p-Isopropyltoluene	13.50	119	531008	51.140	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	249735	49.605	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	243874	49.784	ug/l	100
89) n-Butylbenzene	13.82	91	517123	51.845	ug/l	100
90) Hexachloroethane	14.10	117	97392	51.361	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	221008	50.999	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15458	52.500	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	141852	51.952	ug/l	100
94) Hexachlorobutadiene	15.24	225	86207	49.728	ug/l	100
95) Naphthalene	15.36	128	245885	54.007	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	117986	51.158	ug/l	100

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

