

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070720\
 Data File : VW015791.D
 Acq On : 07 Jul 2020 12:41
 Operator : SY/VA
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Quant Time: Jul 08 08:17:37 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	227960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	358673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	332170	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	168190	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	217298	92.42	ug/l	0.00
Spiked Amount			Recovery	=	184.84%	
35) Dibromofluoromethane	7.88	113	195527	93.82	ug/l	0.00
Spiked Amount			Recovery	=	187.64%	
50) Toluene-d8	10.32	98	778317	96.36	ug/l	0.00
Spiked Amount			Recovery	=	192.72%	
62) 4-Bromofluorobenzene	12.62	95	290991	98.16	ug/l	0.00
Spiked Amount			Recovery	=	196.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	119598	97.646	ug/l	97
3) Chloromethane	2.21	50	151854	92.836	ug/l	96
4) Vinyl Chloride	2.37	62	242311	95.725	ug/l	100
5) Bromomethane	2.78	94	188339	95.682	ug/l	97
6) Chloroethane	2.92	64	170148	99.301	ug/l	100
7) Trichlorofluoromethane	3.26	101	197692	109.284	ug/l	97
8) Diethyl Ether	3.68	74	124557	109.558	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	209892	97.632	ug/l	99
10) Methyl Iodide	4.27	142	302357	102.442	ug/l	99
11) Tert butyl alcohol	5.22	59	58019	513.127	ug/l	100
12) 1,1-Dichloroethene	4.03	96	209749	100.143	ug/l	99
13) Acrolein	3.90	56	77722	478.355	ug/l	100
14) Allyl chloride	4.67	41	354777	104.382	ug/l	99
15) Acrylonitrile	5.37	53	227942	519.943	ug/l	99
16) Acetone	4.14	43	243819	560.031	ug/l	98
17) Carbon Disulfide	4.38	76	630636	101.225	ug/l	100
18) Methyl Acetate	4.68	43	98667	99.880	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	321677	103.736	ug/l	97
20) Methylene Chloride	4.92	84	227001	86.595	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	246987	102.436	ug/l	98
22) Diisopropyl ether	6.32	45	719533	105.340	ug/l	100
23) Vinyl Acetate	6.26	43	2229011	551.820	ug/l	100
24) 1,1-Dichloroethane	6.22	63	438239	101.246	ug/l	99
25) 2-Butanone	7.18	43	311989	526.584	ug/l	99
26) 2,2-Dichloropropane	7.17	77	263484	97.446	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	266890	102.594	ug/l	100
28) Bromochloromethane	7.52	49	160564	93.307	ug/l	99
29) Tetrahydrofuran	7.54	42	191344	534.483	ug/l	98
30) Chloroform	7.68	83	444463	100.570	ug/l	100
31) Cyclohexane	7.96	56	394795	96.541	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	374675	101.271	ug/l	99
36) 1,1-Dichloropropene	8.09	75	363051	102.645	ug/l	100
37) Ethyl Acetate	7.26	43	138875	104.251	ug/l	100
38) Carbon Tetrachloride	8.07	117	353279	103.901	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	454284	108.566	ug/l	99
40) Benzene	8.33	78	988551	102.259	ug/l	100
41) Methacrylonitrile	7.49	41	88551	115.118	ug/l	97
42) 1,2-Dichloroethane	8.40	62	303602	101.392	ug/l	99
43) Isopropyl Acetate	8.43	43	285169	107.596	ug/l	99
44) Trichloroethene	9.09	130	263964	103.233	ug/l	96
45) 1,2-Dichloropropane	9.37	63	242605	102.383	ug/l	99
46) Dibromomethane	9.46	93	126450	103.460	ug/l	99
47) Bromodichloromethane	9.65	83	337425	106.436	ug/l	98
48) Methyl methacrylate	9.44	41	136002	108.729	ug/l	99
49) 1,4-Dioxane	9.47	88	31661	2043.454	ug/l #	80
51) 4-Methyl-2-Pentanone	10.21	43	706356	544.953	ug/l	99
52) Toluene	10.39	92	660986	107.007	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	343161	113.091	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	399022	109.958	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	179021	105.323	ug/l	98
56) Ethyl methacrylate	10.65	69	240997	115.857	ug/l	99
57) 1,3-Dichloropropane	10.93	76	316167	105.585	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	538650	539.491	ug/l	100
59) 2-Hexanone	10.97	43	489313	563.718	ug/l	97
60) Dibromochloromethane	11.13	129	216196	109.941	ug/l	99
61) 1,2-Dibromoethane	11.24	107	172596	107.025	ug/l	97
64) Tetrachloroethene	10.87	164	216671	102.988	ug/l	98
65) Chlorobenzene	11.66	112	675362	103.599	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	244703	106.218	ug/l	99
67) Ethyl Benzene	11.73	91	1288424	106.874	ug/l	97
68) m/p-Xylenes	11.84	106	970400	214.506	ug/l	100
69) o-Xylene	12.17	106	453552	110.050	ug/l	98
70) Styrene	12.18	104	789285	111.241	ug/l	100
71) Bromoform	12.35	173	120852	115.227	ug/l #	98
73) Isopropylbenzene	12.47	105	1267930	106.901	ug/l	100
74) N-amyl acetate	12.27	43	277079	110.187	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	203358	103.677	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	148149m	94.497	ug/l	
77) Bromobenzene	12.75	156	272492	103.050	ug/l	98
78) n-propylbenzene	12.80	91	1509522	104.582	ug/l	100
79) 2-Chlorotoluene	12.90	91	849614	103.465	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1063934	105.311	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	67809	118.031	ug/l	96
82) 4-Chlorotoluene	12.99	91	882504	102.815	ug/l	98
83) tert-Butylbenzene	13.21	119	895913	106.513	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1057940	105.037	ug/l	100
85) sec-Butylbenzene	13.38	105	1275054	105.277	ug/l	99
86) p-Isopropyltoluene	13.50	119	1165262	105.573	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	541161	101.123	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	521672	100.183	ug/l	99
89) n-Butylbenzene	13.82	91	1131387	106.709	ug/l	100
90) Hexachloroethane	14.10	117	212777	105.562	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	472575	102.588	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	32605	104.176	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	317966	109.553	ug/l	100
94) Hexachlorobutadiene	15.24	225	192420	104.419	ug/l	97
95) Naphthalene	15.37	128	570612	117.905	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	262298	106.993	ug/l	97

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

