

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062366.D
 Acq On : 6 Jul 2020 14:02
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 10:08:42 AM

Quant Time: Jul 07 04:58:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	1169983	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1963404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1853092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	923569	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1973723	111.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	222.98%	
35) Dibromofluoromethane	7.55	113	1333812	102.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.50%	
50) Toluene-d8	10.06	98	4943982	95.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.42%	
62) 4-Bromofluorobenzene	12.38	95	1962129	110.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1212955	90.967	ug/l	100
3) Chloromethane	2.04	50	1751609	98.039	ug/l	98
4) Vinyl Chloride	2.16	62	1492756	73.618	ug/l	98
5) Bromomethane	2.51	94	843472m	66.431	ug/l	
6) Chloroethane	2.65	64	878077	64.853	ug/l	97
7) Trichlorofluoromethane	2.98	101	2049950	79.229	ug/l	100
8) Diethyl Ether	3.37	74	814647	90.447	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1147281	85.562	ug/l	100
10) Methyl Iodide	3.91	142	1590238	103.918	ug/l	98
11) Tert butyl alcohol	4.74	59	1415172	562.554	ug/l	98
12) 1,1-Dichloroethene	3.69	96	1114959	83.784	ug/l	98
13) Acrolein	3.56	56	584902	276.989	ug/l	98
14) Allyl chloride	4.27	41	2887794	142.709	ug/l	98
15) Acrylonitrile	4.93	53	3848749	572.078	ug/l	99
16) Acetone	3.77	43	4534502	693.127	ug/l	99
17) Carbon Disulfide	4.01	76	3423527	80.559	ug/l	99
18) Methyl Acetate	4.28	43	1902852	131.962	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	4506494	102.829	ug/l	100
20) Methylene Chloride	4.50	84	1385120	83.919	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	1236868	81.963	ug/l	99
22) Diisopropyl ether	5.90	45	5790479	128.384	ug/l	97
23) Vinyl Acetate	5.84	43	19287806	525.388	ug/l #	87
24) 1,1-Dichloroethane	5.80	63	2748725	99.932	ug/l	100
25) 2-Butanone	6.79	43	6101193	689.944	ug/l	99
26) 2,2-Dichloropropane	6.78	77	2282751	100.402	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	1457233	85.394	ug/l	99
28) Bromochloromethane	7.15	49	1600534	126.480	ug/l	99
29) Tetrahydrofuran	7.17	42	3968442	686.928	ug/l	99
30) Chloroform	7.33	83	2631753	95.232	ug/l	96
31) Cyclohexane	7.61	56	2438729	103.255	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	2261196	97.069	ug/l	99
36) 1,1-Dichloropropene	7.75	75	1985306	99.225	ug/l	100
37) Ethyl Acetate	6.88	43	2478682	137.591	ug/l	99
38) Carbon Tetrachloride	7.73	117	1966015	103.063	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	2162812	99.191	ug/l	96
40) Benzene	8.00	78	5556337	91.961	ug/l	97
41) Methacrylonitrile	7.12	41	1165607	142.600	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	2418450	113.444	ug/l	99
43) Isopropyl Acetate	8.13	43	4166301	141.548	ug/l	99
44) Trichloroethene	8.80	130	1324083	87.743	ug/l	99
45) 1,2-Dichloropropane	9.08	63	1648449	107.576	ug/l	100
46) Dibromomethane	9.18	93	1012286	99.254	ug/l	98
47) Bromodichloromethane	9.37	83	2177076	104.834	ug/l	99
48) Methyl methacrylate	9.17	41	2103913	155.574	ug/l	99
49) 1,4-Dioxane	9.17	88	543648	2041.278	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	9382431	550.411	ug/l #	84
52) Toluene	10.12	92	3454095	94.413	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	2513763	109.687	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	2592367	106.974	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	1365611	94.982	ug/l	98
56) Ethyl methacrylate	10.40	69	2388393	119.989	ug/l	99
57) 1,3-Dichloropropane	10.68	76	2496481	99.162	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	4269611	570.747	ug/l	98
59) 2-Hexanone	10.72	43	7828201	629.220	ug/l	88
60) Dibromochloromethane	10.87	129	1611466	104.223	ug/l	100
61) 1,2-Dibromoethane	10.98	107	1420996	96.004	ug/l	99
64) Tetrachloroethene	10.60	164	1095511	87.163	ug/l	99
65) Chlorobenzene	11.41	112	3622436	89.351	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	1403881	99.186	ug/l	99
67) Ethyl Benzene	11.48	91	6260218	90.690	ug/l	89
68) m/p-Xylenes	11.60	106	4898102	185.355	ug/l	82
69) o-Xylene	11.92	106	2435704	97.744	ug/l	92
70) Styrene	11.94	104	4128402	99.132	ug/l	99
71) Bromoform	12.10	173	1126331	110.302	ug/l #	99
73) Isopropylbenzene	12.22	105	6025876	84.509	ug/l	94
74) N-amyl acetate	12.04	43	3792655	146.817	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	2106024	88.078	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	1942573m	89.198	ug/l	
77) Bromobenzene	12.50	156	1563608	88.862	ug/l	96
78) n-propylbenzene	12.57	91	6854334	83.776	ug/l	93
79) 2-Chlorotoluene	12.65	91	4580901	92.145	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	5335654	91.805	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.27	75	803427	106.691	ug/l	96
82) 4-Chlorotoluene	12.75	91	4803528	93.437	ug/l	99
83) tert-Butylbenzene	12.97	119	4590741	92.814	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	5282605	91.224	ug/l	96
85) sec-Butylbenzene	13.15	105	5836659	88.857	ug/l	96
86) p-Isopropyltoluene	13.26	119	5260368	91.613	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	2825848	91.174	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	2835830	88.648	ug/l	100
89) n-Butylbenzene	13.59	91	4929694	102.512	ug/l	96
90) Hexachloroethane	13.85	117	1114693	97.538	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	2708848	90.090	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	450267	113.708	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1487340	111.999	ug/l	100
94) Hexachlorobutadiene	14.98	225	727984	119.330	ug/l	99
95) Naphthalene	15.10	128	4072130	106.866	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	1454156	107.365	ug/l	99

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

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