

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN052020\
 Data File : VN061499.D
 Acq On : 20 May 2020 14:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/21/2020 1:16:12 PM

Quant Time: May 21 01:23:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 13:09:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	312953	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	555065	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	527322	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	255083	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	208774	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	7.54	113	146845	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
50) Toluene-d8	10.06	98	674517	50.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.02%	
62) 4-Bromofluorobenzene	12.37	95	257215	51.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	120106	46.155	ug/l	100
3) Chloromethane	2.03	50	172184	40.568	ug/l	98
4) Vinyl Chloride	2.16	62	255296	42.029	ug/l	98
5) Bromomethane	2.53	94	150400	48.874	ug/l	99
6) Chloroethane	2.67	64	167513	40.972	ug/l	97
7) Trichlorofluoromethane	2.98	101	351559	47.672	ug/l	98
8) Diethyl Ether	3.37	74	95963	44.675	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	3.71	101	143902	46.924	ug/l	98
10) Methyl Iodide	3.91	142	179191	48.108	ug/l	99
11) Tert butyl alcohol	4.73	59	132702	246.581	ug/l	100
12) 1,1-Dichloroethene	3.69	96	145605	45.390	ug/l	89
13) Acrolein	3.56	56	68238	171.678	ug/l	97
14) Allyl chloride	4.27	41	215147	41.212	ug/l	97
15) Acrylonitrile	4.92	53	323809	203.089	ug/l	99
16) Acetone	3.77	43	257547	213.886	ug/l	99
17) Carbon Disulfide	4.01	76	307487	44.309	ug/l	99
18) Methyl Acetate	4.27	43	133488	41.492	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	544238	44.707	ug/l	97
20) Methylene Chloride	4.50	84	166932	43.488	ug/l	96
21) trans-1,2-Dichloroethene	4.98	96	171364	46.327	ug/l	96
22) Diisopropyl ether	5.90	45	496151	42.293	ug/l	96
23) Vinyl Acetate	5.84	43	1954624	209.525	ug/l	96
24) 1,1-Dichloroethane	5.79	63	303473	44.351	ug/l	99
25) 2-Butanone	6.78	43	424444	199.588	ug/l	93
26) 2,2-Dichloropropane	6.77	77	293187	44.947	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	210570	48.192	ug/l	92
28) Bromochloromethane	7.15	49	125994	43.380	ug/l	88
29) Tetrahydrofuran	7.16	42	279598	198.523	ug/l	95
30) Chloroform	7.33	83	336181	47.039	ug/l	98
31) Cyclohexane	7.61	56	258907	42.546	ug/l	95
32) 1,1,1-Trichloroethane	7.53	97	312863	47.907	ug/l	98
36) 1,1-Dichloropropene	7.75	75	246390	47.473	ug/l	97
37) Ethyl Acetate	6.88	43	188999	40.154	ug/l	99
38) Carbon Tetrachloride	7.73	117	246151	51.506	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.04	83	274662	43.328	ug/l	95
40) Benzene	8.00	78	750462	47.981	ug/l	99
41) Methacrylonitrile	7.12	41	87481m	44.004	ug/l	
42) 1,2-Dichloroethane	8.08	62	257095	45.623	ug/l	98
43) Isopropyl Acetate	8.12	43	344496	41.964	ug/l	98
44) Trichloroethene	8.80	130	212780	51.919	ug/l	95
45) 1,2-Dichloropropane	9.08	63	183363	46.837	ug/l	98
46) Dibromomethane	9.17	93	130863	47.682	ug/l	94
47) Bromodichloromethane	9.37	83	283154	48.967	ug/l	99
48) Methyl methacrylate	9.17	41	152002	40.081	ug/l	94
49) 1,4-Dioxane	9.16	88	51922	1313.513	ug/l	93
51) 4-Methyl-2-Pentanone	9.95	43	973117	217.599	ug/l	98
52) Toluene	10.12	92	510011	50.790	ug/l	97
53) t-1,3-Dichloropropene	10.35	75	308699	48.707	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	325434	48.303	ug/l	94
55) 1,1,2-Trichloroethane	10.53	97	190724	50.238	ug/l	98
56) Ethyl methacrylate	10.40	69	287902	48.507	ug/l	95
57) 1,3-Dichloropropane	10.68	76	317900	48.453	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	607175	233.062	ug/l	95
59) 2-Hexanone	10.72	43	694576	214.674	ug/l	98
60) Dibromochloromethane	10.87	129	223752	53.282	ug/l	100
61) 1,2-Dibromoethane	10.98	107	202917	50.835	ug/l	99
64) Tetrachloroethene	10.60	164	210279	51.544	ug/l	96
65) Chlorobenzene	11.40	112	546115	50.786	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	204799	53.124	ug/l	98
67) Ethyl Benzene	11.48	91	982434	50.050	ug/l	98
68) m/p-Xylenes	11.59	106	767116	102.960	ug/l	96
69) o-Xylene	11.92	106	371103	51.470	ug/l	95
70) Styrene	11.94	104	630136	52.777	ug/l	98
71) Bromoform	12.10	173	147803	49.332	ug/l #	99
73) Isopropylbenzene	12.22	105	953843	46.579	ug/l	97
74) N-amyl acetate	12.04	43	311191	41.517	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	252651	44.844	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	252653m	46.160	ug/l	
77) Bromobenzene	12.50	156	229540	51.650	ug/l	89
78) n-propylbenzene	12.56	91	1087120	46.593	ug/l	98
79) 2-Chlorotoluene	12.65	91	648334	47.010	ug/l	97
80) 1,3,5-Trimethylbenzene	12.71	105	801194	47.783	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	88398	42.843	ug/l	97
82) 4-Chlorotoluene	12.75	91	685914	48.032	ug/l	97
83) tert-Butylbenzene	12.97	119	662057	46.097	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	808284	48.169	ug/l	98
85) sec-Butylbenzene	13.15	105	852268	43.884	ug/l	98
86) p-Isopropyltoluene	13.26	119	793190	45.994	ug/l	97
87) 1,3-Dichlorobenzene	13.26	146	416774	51.242	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	427152	52.441	ug/l	98
89) n-Butylbenzene	13.59	91	666419	42.536	ug/l	99
90) Hexachloroethane	13.85	117	109453	46.831	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	402169	51.547	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	48531	42.643	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	212372	50.202	ug/l	100
94) Hexachlorobutadiene	14.99	225	75436	40.133	ug/l	98
95) Naphthalene	15.10	128	683057	50.789	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	204120	48.469	ug/l	100

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

