

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN062420\
 Data File : VN062056.D
 Acq On : 24 Jun 2020 9:42
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 6:09:58 PM

Quant Time: Jun 24 11:19:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N062420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 11:12:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197455	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	348736	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	313165	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	119884	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	2848	1.289	ug/l	91
3) Chloromethane	2.03	50	4208	1.554	ug/l	95
4) Vinyl Chloride	2.16	62	4578	1.417	ug/l	96
6) Chloroethane	2.67	64	3355	1.520	ug/l	99
7) Trichlorofluoromethane	2.98	101	5546	1.447	ug/l	100
8) Diethyl Ether	3.38	74	1806	1.370	ug/l #	52
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2756	1.369	ug/l #	65
12) 1,1-Dichloroethene	3.69	96	2771	1.376	ug/l	94
14) Allyl chloride	4.27	41	3628	1.341	ug/l #	76
15) Acrylonitrile	4.94	53	5441m	5.877	ug/l	
16) Acetone	3.78	43	7627	9.431	ug/l	92
17) Carbon Disulfide	4.00	76	9736	1.643	ug/l	97
18) Methyl Acetate	4.29	43	2739m	1.240	ug/l	
19) Methyl tert-butyl Ether	5.00	73	7704	1.149	ug/l #	80
20) Methylene Chloride	4.49	84	4138	1.612	ug/l #	78
21) trans-1,2-Dichloroethene	4.99	96	3397m	1.470	ug/l	
22) Diisopropyl ether	5.91	45	7758	1.255	ug/l #	84
23) Vinyl Acetate	5.84	43	28461	5.793	ug/l	99
24) 1,1-Dichloroethane	5.80	63	5674	1.410	ug/l #	82
25) 2-Butanone	6.79	43	7790	6.671	ug/l	97
26) 2,2-Dichloropropane	6.77	77	5143	1.511	ug/l #	76
27) cis-1,2-Dichloroethene	6.78	96	3427	1.287	ug/l	82
28) Bromochloromethane	7.14	49	2728m	1.517	ug/l	
29) Tetrahydrofuran	7.16	42	4578m	5.947	ug/l	
30) Chloroform	7.33	83	5600	1.310	ug/l	89
32) 1,1,1-Trichloroethane	7.52	97	4440	1.221	ug/l #	50
36) 1,1-Dichloropropene	7.75	75	4050	1.270	ug/l	98
37) Ethyl Acetate	6.88	43	3505	1.388	ug/l #	81
38) Carbon Tetrachloride	7.73	117	3790	1.207	ug/l #	84
39) Methylcyclohexane	9.05	83	4094	1.192	ug/l	93
40) Benzene	8.00	78	12383	1.276	ug/l	97
41) Methacrylonitrile	7.12	41	1059	0.962	ug/l #	87
42) 1,2-Dichloroethane	8.08	62	4431	1.341	ug/l	88
43) Isopropyl Acetate	8.13	43	5086	1.203	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	3408	1.347	ug/l	91
45) 1,2-Dichloropropane	9.09	63	2948	1.238	ug/l	95
46) Dibromomethane	9.18	93	2106	1.263	ug/l	93
47) Bromodichloromethane	9.36	83	4078	1.191	ug/l #	90
48) Methyl methacrylate	9.17	41	1985	1.027	ug/l	95
49) 1,4-Dioxane	9.17	88	1091	24.543	ug/l #	60
51) 4-Methyl-2-Pentanone	9.95	43	12537	4.986	ug/l	99
52) Toluene	10.12	92	6982	1.149	ug/l	95
53) t-1,3-Dichloropropene	10.36	75	4183	1.144	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	4384	1.106	ug/l	94
55) 1,1,2-Trichloroethane	10.54	97	3090	1.290	ug/l	94
56) Ethyl methacrylate	10.40	69	2917	0.910	ug/l	97
57) 1,3-Dichloropropane	10.68	76	4905	1.208	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.66	63	7589	6.012	ug/l	98
59) 2-Hexanone	10.72	43	8496	4.703	ug/l	91
60) Dibromochloromethane	10.87	129	3330	1.258	ug/l	93
61) 1,2-Dibromoethane	10.98	107	3002	1.205	ug/l	94
64) Tetrachloroethene	10.60	164	2686	1.350	ug/l	97
65) Chlorobenzene	11.41	112	8301	1.256	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	3039	1.324	ug/l #	59
67) Ethyl Benzene	11.48	91	12328	1.110	ug/l	92
68) m/p-Xylenes	11.60	106	8032	1.876	ug/l	97
69) o-Xylene	11.92	106	3836	0.941	ug/l	92
70) Styrene	11.94	104	5659	0.829	ug/l	92
71) Bromoform	12.10	173	1629	0.976	ug/l #	93
73) Isopropylbenzene	12.22	105	9835	1.149	ug/l	97
74) N-amyl acetate	12.05	43	2294	0.827	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.48	83	3956	1.410	ug/l	93
76) 1,2,3-Trichloropropane	12.53	75	3475m	1.456	ug/l	
77) Bromobenzene	12.50	156	2775	1.288	ug/l	97
78) n-propylbenzene	12.56	91	10711	1.092	ug/l	97
79) 2-Chlorotoluene	12.65	91	7215	1.226	ug/l	96
80) 1,3,5-Trimethylbenzene	12.71	105	6971	0.986	ug/l	100
82) 4-Chlorotoluene	12.75	91	6419	1.056	ug/l	97
83) tert-Butylbenzene	12.97	119	6169	1.029	ug/l	97
84) 1,2,4-Trimethylbenzene	13.01	105	7125	1.022	ug/l	97
85) sec-Butylbenzene	13.15	105	8412	1.069	ug/l	100
86) p-Isopropyltoluene	13.26	119	6450	0.923	ug/l	94
87) 1,3-Dichlorobenzene	13.26	146	4583	1.173	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	5166m	1.292	ug/l	
89) n-Butylbenzene	13.59	91	5864	1.001	ug/l	97
90) Hexachloroethane	13.85	117	1663	1.291	ug/l	88
91) 1,2-Dichlorobenzene	13.63	146	4382	1.167	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	472	1.037	ug/l	67
93) 1,2,4-Trichlorobenzene	14.89	180	1166	0.663	ug/l	89
94) Hexachlorobutadiene	14.99	225	723	1.036	ug/l	81
95) Naphthalene	15.11	128	3382	0.666	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.29	180	1655	0.945	ug/l	89

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

