

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080520\
 Data File : VN062753.D
 Acq On : 5 Aug 2020 11:02
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda

8/6/2020 1:51:40 PM

Quant Time: Aug 05 12:49:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N080520W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 12:39:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	182090	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	300028	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	278204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	110835	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	2423	1.058	ug/l	96
3) Chloromethane	2.03	50	2666	0.924	ug/l #	84
4) Vinyl Chloride	2.16	62	2280	0.901	ug/l	92
6) Chloroethane	2.66	64	1623	1.337	ug/l #	85
7) Trichlorofluoromethane	2.97	101	4508	1.423	ug/l	95
8) Diethyl Ether	3.37	74	1214	0.891	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	3.71	101	2206	1.166	ug/l	99
12) 1,1-Dichloroethene	3.68	96	2192	1.156	ug/l #	77
14) Allyl chloride	4.27	41	3650	0.910	ug/l #	88
15) Acrylonitrile	4.94	53	5174	4.328	ug/l	93
16) Acetone	3.78	43	6475	6.077	ug/l	93
17) Carbon Disulfide	4.00	76	6963	1.136	ug/l	99
18) Methyl Acetate	4.28	43	4035	1.495	ug/l #	68
19) Methyl tert-butyl Ether	4.99	73	7003m	0.976	ug/l	
20) Methylene Chloride	4.49	84	2928	1.178	ug/l #	84
21) trans-1,2-Dichloroethene	4.98	96	1904	0.907	ug/l #	73
22) Diisopropyl ether	5.90	45	6572	0.808	ug/l #	75
23) Vinyl Acetate	5.84	43	27359	4.205	ug/l	96
24) 1,1-Dichloroethane	5.80	63	4410m	1.001	ug/l	
25) 2-Butanone	6.80	43	7438	4.623	ug/l	100
26) 2,2-Dichloropropane	6.77	77	4587	1.244	ug/l #	60
27) cis-1,2-Dichloroethene	6.78	96	2518	1.045	ug/l	88
28) Bromochloromethane	7.15	49	1907	0.887	ug/l #	97
29) Tetrahydrofuran	7.17	42	4788	4.418	ug/l #	82
30) Chloroform	7.32	83	4765	1.117	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	3990	1.104	ug/l #	52
36) 1,1-Dichloropropene	7.76	75	3198	1.017	ug/l	93
37) Ethyl Acetate	6.90	43	3092	0.919	ug/l #	75
38) Carbon Tetrachloride	7.74	117	3998m	1.291	ug/l	
39) Methylcyclohexane	9.05	83	3618	1.051	ug/l #	79
40) Benzene	8.00	78	9807	1.037	ug/l	94
41) Methacrylonitrile	7.12	41	1378	0.923	ug/l #	48
42) 1,2-Dichloroethane	8.09	62	3947	1.112	ug/l #	78
43) Isopropyl Acetate	8.13	43	5205	0.959	ug/l #	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2366	1.098	ug/l	95
45) 1,2-Dichloropropane	9.08	63	2452	0.924	ug/l #	82
46) Dibromomethane	9.17	93	1533	0.983	ug/l	92
47) Bromodichloromethane	9.37	83	3453	1.010	ug/l #	93
48) Methyl methacrylate	9.17	41	2409	0.925	ug/l	94
49) 1,4-Dioxane	9.17	88	806	19.342	ug/l #	72
51) 4-Methyl-2-Pentanone	9.95	43	14424	4.363	ug/l	91
52) Toluene	10.13	92	5405	0.974	ug/l	96
53) t-1,3-Dichloropropene	10.36	75	3704	0.980	ug/l	94
54) cis-1,3-Dichloropropene	9.80	75	3682	0.921	ug/l	91
55) 1,1,2-Trichloroethane	10.54	97	2730	1.255	ug/l #	83
56) Ethyl methacrylate	10.40	69	2777	0.800	ug/l	95
57) 1,3-Dichloropropane	10.68	76	3931	0.991	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.67	63	4004	4.092	ug/l	99
59) 2-Hexanone	10.73	43	10373	4.389	ug/l	90
60) Dibromochloromethane	10.88	129	2509	1.024	ug/l #	53
61) 1,2-Dibromoethane	10.98	107	2231	0.988	ug/l	91
64) Tetrachloroethene	10.60	164	1992	1.103	ug/l	94
65) Chlorobenzene	11.41	112	6273	1.078	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.48	131	2318	1.043	ug/l #	63
67) Ethyl Benzene	11.48	91	10087	0.946	ug/l #	87
68) m/p-Xylenes	11.60	106	7180	1.869	ug/l	96
69) o-Xylene	11.92	106	2899	0.793	ug/l	73
70) Styrene	11.94	104	5105	0.824	ug/l	95
71) Bromoform	12.10	173	2025	1.199	ug/l #	77
73) Isopropylbenzene	12.23	105	8344	0.956	ug/l	98
74) N-amyl acetate	12.05	43	2870	0.753	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.48	83	3578	1.184	ug/l	95
76) 1,2,3-Trichloropropane	12.53	75	3441m	1.214	ug/l	
77) Bromobenzene	12.50	156	2369	1.128	ug/l	97
78) n-propylbenzene	12.57	91	9753	0.956	ug/l	94
79) 2-Chlorotoluene	12.65	91	6528	1.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6811	0.937	ug/l	94
82) 4-Chlorotoluene	12.75	91	6554	0.998	ug/l	98
83) tert-Butylbenzene	12.97	119	5930	0.980	ug/l	96
84) 1,2,4-Trimethylbenzene	13.02	105	5788	0.811	ug/l	94
85) sec-Butylbenzene	13.15	105	7595	0.938	ug/l	98
86) p-Isopropyltoluene	13.26	119	6364	0.909	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	4106	1.105	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	4344m	1.192	ug/l	
89) n-Butylbenzene	13.59	91	5512	0.920	ug/l	93
90) Hexachloroethane	13.85	117	1743	1.169	ug/l	93
91) 1,2-Dichlorobenzene	13.63	146	3609	1.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	585	1.027	ug/l	85
93) 1,2,4-Trichlorobenzene	14.89	180	1435	0.876	ug/l	79
94) Hexachlorobutadiene	14.98	225	1536	1.424	ug/l #	75
95) Naphthalene	15.11	128	3583	0.793	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.29	180	1175	0.704	ug/l	79

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

