

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN070620\
 Data File : VN062362.D
 Acq On : 6 Jul 2020 12:24
 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
 7/7/2020 10:08:16 AM

Quant Time: Jul 07 05:05:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N070620W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 07 04:35:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	986256	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	1684233	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	1501482	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	594280	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	13367	1.189 ug/l	95
3) Chloromethane	2.04	50	20364	1.352 ug/l	96
4) Vinyl Chloride	2.16	62	17951	1.050 ug/l	100
6) Chloroethane	2.67	64	9490	0.831 ug/l #	87
7) Trichlorofluoromethane	2.98	101	22048	1.011 ug/l	93
8) Diethyl Ether	3.37	74	9478	1.248 ug/l	76
9) 1,1,2-Trichlorotrifluoroet	3.72	101	13999	1.239 ug/l #	85
12) 1,1-Dichloroethene	3.70	96	11998	1.070 ug/l	85
14) Allyl chloride	4.27	41	24542	1.439 ug/l	93
15) Acrylonitrile	4.94	53	29645	5.227 ug/l #	92
16) Acetone	3.77	43	50117	9.088 ug/l	98
17) Carbon Disulfide	4.01	76	40343	1.126 ug/l	98
18) Methyl Acetate	4.28	43	25167	2.070 ug/l #	89
19) Methyl tert-butyl Ether	4.99	73	39403	1.067 ug/l	92
20) Methylene Chloride	4.50	84	23435	1.684 ug/l #	89
21) trans-1,2-Dichloroethene	5.00	96	13237	1.041 ug/l	94
22) Diisopropyl ether	5.90	45	49238	1.295 ug/l	95
23) Vinyl Acetate	5.84	43	211740	6.842 ug/l #	93
24) 1,1-Dichloroethane	5.80	63	25831	1.114 ug/l	96
25) 2-Butanone	6.79	43	50918	6.831 ug/l	95
26) 2,2-Dichloropropane	6.78	77	23450	1.224 ug/l	84
27) cis-1,2-Dichloroethene	6.78	96	14344	0.997 ug/l	96
28) Bromochloromethane	7.15	49	13832	1.297 ug/l #	84
29) Tetrahydrofuran	7.17	42	29572	6.072 ug/l	94
30) Chloroform	7.33	83	26462	1.136 ug/l	88
32) 1,1,1-Trichloroethane	7.52	97	22472	1.144 ug/l #	53
36) 1,1-Dichloropropene	7.75	75	19948	1.162 ug/l	100
37) Ethyl Acetate	6.88	43	18126	1.173 ug/l	96
38) Carbon Tetrachloride	7.73	117	19821	1.211 ug/l	95
39) Methylcyclohexane	9.05	83	20836	1.114 ug/l	90
40) Benzene	8.00	78	56188	1.084 ug/l	96
41) Methacrylonitrile	7.14	41	13244m	1.889 ug/l	
42) 1,2-Dichloroethane	8.08	62	24847	1.359 ug/l	83
43) Isopropyl Acetate	8.13	43	33337	1.320 ug/l #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	14056	1.086	ug/l	94
45) 1,2-Dichloropropane	9.08	63	16143	1.228	ug/l	91
46) Dibromomethane	9.17	93	10278	1.175	ug/l #	87
47) Bromodichloromethane	9.36	83	20841	1.170	ug/l	97
48) Methyl methacrylate	9.17	41	16843	1.452	ug/l	92
49) 1,4-Dioxane	9.17	88	5464	23.917	ug/l #	78
51) 4-Methyl-2-Pentanone	9.95	43	98490	6.736	ug/l	98
52) Toluene	10.12	92	30021	0.957	ug/l	91
53) t-1,3-Dichloropropene	10.36	75	19512	0.993	ug/l #	86
54) cis-1,3-Dichloropropene	9.81	75	22193	1.068	ug/l	100
55) 1,1,2-Trichloroethane	10.54	97	12446	1.009	ug/l #	94
56) Ethyl methacrylate	10.41	69	16946	0.992	ug/l	97
57) 1,3-Dichloropropane	10.68	76	23559	1.091	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	31705	4.941	ug/l #	78
59) 2-Hexanone	10.72	43	67358	6.312	ug/l	95
60) Dibromochloromethane	10.87	129	14057	1.060	ug/l	97
61) 1,2-Dibromoethane	10.98	107	12730	1.003	ug/l	91
64) Tetrachloroethene	10.60	164	12162	1.194	ug/l	88
65) Chlorobenzene	11.41	112	33291	1.013	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	12088	1.054	ug/l #	57
67) Ethyl Benzene	11.48	91	60316	1.078	ug/l	99
68) m/p-Xylenes	11.59	106	38765	1.810	ug/l	87
69) o-Xylene	11.92	106	19509	0.966	ug/l	95
70) Styrene	11.94	104	31324	0.928	ug/l	97
71) Bromoform	12.10	173	9037	1.092	ug/l #	94
73) Isopropylbenzene	12.22	105	51976	1.133	ug/l	100
74) N-amyl acetate	12.05	43	21183	1.274	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	18484	1.201	ug/l	96
76) 1,2,3-Trichloropropane	12.53	75	14958m	1.067	ug/l	
77) Bromobenzene	12.50	156	11043	0.975	ug/l	72
78) n-propylbenzene	12.56	91	58662	1.114	ug/l	94
79) 2-Chlorotoluene	12.65	91	37027	1.157	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	41212	1.102	ug/l	99
82) 4-Chlorotoluene	12.75	91	36213	1.095	ug/l	99
83) tert-Butylbenzene	12.97	119	34341	1.079	ug/l	93
84) 1,2,4-Trimethylbenzene	13.02	105	41110	1.103	ug/l	98
85) sec-Butylbenzene	13.15	105	43204	1.022	ug/l	98
86) p-Isopropyltoluene	13.26	119	40411	1.094	ug/l	95
87) 1,3-Dichlorobenzene	13.26	146	19645	0.985	ug/l	96
88) 1,4-Dichlorobenzene	13.34	146	22834m	1.109	ug/l	
89) n-Butylbenzene	13.59	91	32057	1.036	ug/l	96
90) Hexachloroethane	13.85	117	9369	1.274	ug/l	92
91) 1,2-Dichlorobenzene	13.63	146	17670	0.913	ug/l	90
92) 1,2-Dibromo-3-Chloropropan	14.25	75	2793	1.096	ug/l	64
93) 1,2,4-Trichlorobenzene	14.89	180	6212	0.727	ug/l	86
94) Hexachlorobutadiene	14.98	225	7042	1.794	ug/l	91
95) Naphthalene	15.11	128	16351	0.667	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.28	180	8301	0.952	ug/l	99

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

