

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065037.D
 Acq On : 10 Dec 2020 9:49
 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
 12/11/2020 12:32:14 PM

Quant Time: Dec 10 14:14:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	168378	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	286438	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	247780	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	99161	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	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	1603	1.139	ug/l	78
3) Chloromethane	2.04	50	2190	1.189	ug/l #	81
4) Vinyl Chloride	2.17	62	1866	0.967	ug/l	97
6) Chloroethane	2.68	64	1263	1.046	ug/l #	88
7) Trichlorofluoromethane	2.99	101	3045	1.127	ug/l	89
8) Diethyl Ether	3.37	74	1240	1.160	ug/l #	43
9) 1,1,2-Trichlorotrifluoroet	3.72	101	1762	1.084	ug/l #	81
12) 1,1-Dichloroethene	3.70	96	1812	1.131	ug/l #	88
14) Allyl chloride	4.27	41	2382m	0.900	ug/l	
15) Acrylonitrile	4.94	53	2920m	3.520	ug/l	
16) Acetone	3.78	43	4553	6.926	ug/l	95
17) Carbon Disulfide	4.01	76	4889	1.070	ug/l #	84
18) Methyl Acetate	4.28	43	1729m	0.899	ug/l	
19) Methyl tert-butyl Ether	5.00	73	4299m	0.831	ug/l	
20) Methylene Chloride	4.51	84	2523	1.259	ug/l #	92
21) trans-1,2-Dichloroethene	4.99	96	1525	0.855	ug/l #	62
22) Diisopropyl ether	5.91	45	4019m	0.752	ug/l	
23) Vinyl Acetate	5.85	43	15340m	3.613	ug/l	
24) 1,1-Dichloroethane	5.80	63	3545m	1.110	ug/l	
25) 2-Butanone	6.79	43	4588	4.466	ug/l	97
26) 2,2-Dichloropropane	6.78	77	3060m	1.105	ug/l	
27) cis-1,2-Dichloroethene	6.77	96	1786	0.884	ug/l	96
28) Bromochloromethane	7.14	49	1155	0.790	ug/l #	82
29) Tetrahydrofuran	7.17	42	2447	3.482	ug/l #	86
30) Chloroform	7.33	83	3493	1.054	ug/l	93
32) 1,1,1-Trichloroethane	7.53	97	3039m	1.073	ug/l	
36) 1,1-Dichloropropene	7.75	75	2402	0.913	ug/l	89
37) Ethyl Acetate	6.88	43	1951m	0.782	ug/l	
38) Carbon Tetrachloride	7.73	117	2572	0.938	ug/l	96
39) Methylcyclohexane	9.05	83	2094	0.751	ug/l	94
40) Benzene	8.00	78	7340	0.910	ug/l	99
41) Methacrylonitrile	7.13	41	1022m	0.850	ug/l	
42) 1,2-Dichloroethane	8.09	62	2336	0.857	ug/l	84
43) Isopropyl Acetate	8.12	43	2969	0.735	ug/l #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.79	130	2024	0.854	ug/l	94
45) 1,2-Dichloropropane	9.08	63	2014	0.956	ug/l	97
46) Dibromomethane	9.17	93	1364	0.973	ug/l	95
47) Bromodichloromethane	9.37	83	2467	0.875	ug/l #	90
48) Methyl methacrylate	9.17	41	1424	0.738	ug/l	88
49) 1,4-Dioxane	9.17	88	233	6.400	ug/l #	25
51) 4-Methyl-2-Pentanone	9.95	43	8989	3.710	ug/l #	86
52) Toluene	10.12	92	3948	0.793	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	2318	0.742	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	2591	0.771	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	1690	0.820	ug/l #	87
56) Ethyl methacrylate	10.40	69	1632	0.584	ug/l #	78
57) 1,3-Dichloropropane	10.67	76	2480	0.734	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.67	63	5351	3.474	ug/l	96
59) 2-Hexanone	10.72	43	6207	3.562	ug/l	87
60) Dibromochloromethane	10.87	129	1742	0.764	ug/l	91
61) 1,2-Dibromoethane	10.98	107	1798	0.864	ug/l	87
64) Tetrachloroethene	10.60	164	2146	0.901	ug/l	92
65) Chlorobenzene	11.40	112	4793	0.899	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.48	131	1896	0.967	ug/l #	63
67) Ethyl Benzene	11.48	91	6691	0.756	ug/l	98
68) m/p-Xylenes	11.60	106	4752	1.410	ug/l	92
69) o-Xylene	11.92	106	2213	0.693	ug/l	98
70) Styrene	11.94	104	3397	0.630	ug/l	91
71) Bromoform	12.10	173	1226	0.787	ug/l #	84
73) Isopropylbenzene	12.22	105	5298	0.771	ug/l	93
74) N-amyl acetate	12.05	43	1669	0.628	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.48	83	2338	1.157	ug/l #	88
76) 1,2,3-Trichloropropane	12.53	75	2169m	1.032	ug/l	
77) Bromobenzene	12.50	156	1435	0.773	ug/l	65
78) n-propylbenzene	12.57	91	5903	0.757	ug/l	94
79) 2-Chlorotoluene	12.65	91	3734	0.774	ug/l	96
80) 1,3,5-Trimethylbenzene	12.70	105	3779	0.662	ug/l	98
82) 4-Chlorotoluene	12.75	91	3617	0.715	ug/l	95
83) tert-Butylbenzene	12.97	119	3442	0.720	ug/l	90
84) 1,2,4-Trimethylbenzene	13.01	105	3605	0.624	ug/l	99
85) sec-Butylbenzene	13.15	105	4312	0.683	ug/l	94
86) p-Isopropyltoluene	13.26	119	3566	0.620	ug/l	95
87) 1,3-Dichlorobenzene	13.25	146	2790	0.845	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	3014	0.864	ug/l	84
89) n-Butylbenzene	13.59	91	3490	0.695	ug/l	91
90) Hexachloroethane	13.85	117	1012	1.007	ug/l	86
91) 1,2-Dichlorobenzene	13.62	146	3133	0.966	ug/l	91
92) 1,2-Dibromo-3-Chloropropan	14.24	75	276	0.620	ug/l #	48
93) 1,2,4-Trichlorobenzene	14.89	180	826	0.421	ug/l	81
94) Hexachlorobutadiene	14.97	225	940	0.940	ug/l	86
95) Naphthalene	15.11	128	2207	0.377	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.29	180	690	0.358	ug/l #	83

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

