

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070721\
 Data File : VN067631.D
 Acq On : 7 Jul 2021 12:54
 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
 7/8/2021 6:02:47 PM

Quant Time: Jul 07 15:44:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N070721W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 07 15:42:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.088	168	240186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	444436	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	399645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	151948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.000%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	1807	0.721	ug/l	92
3) Chloromethane	2.301	50	3700	1.144	ug/l	98
4) Vinyl Chloride	2.440	62	5244	1.054	ug/l	100
6) Chloroethane	3.019	64	3897	1.016	ug/l #	81
7) Trichlorofluoromethane	3.371	101	10224	1.074	ug/l	99
8) Diethyl Ether	3.811	74	1888m	0.761	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.191	101	2247m	1.008	ug/l	
12) 1,1-Dichloroethene	4.175	96	2049	0.966	ug/l #	72
14) Allyl chloride	4.843	41	4171m	1.101	ug/l	
15) Acrylonitrile	5.565	53	5928	4.618	ug/l #	63
16) Acetone	4.293	43	6365m	5.594	ug/l	
17) Carbon Disulfide	4.524	76	5866m	0.974	ug/l	
18) Methyl Acetate	4.862	43	3894m	1.333	ug/l	
19) Methyl tert-butyl Ether	5.621	73	8180	0.936	ug/l #	88
20) Methylene Chloride	5.085	84	4076m	1.443	ug/l	
21) trans-1,2-Dichloroethene	5.597	96	2279	0.887	ug/l	83
22) Diisopropyl ether	6.506	45	7984	0.900	ug/l #	95
23) Vinyl Acetate	6.434	43	33697m	4.436	ug/l	
24) 1,1-Dichloroethane	6.380	63	4786	0.987	ug/l #	85
25) 2-Butanone	7.345	43	9139	4.963	ug/l	91
26) 2,2-Dichloropropane	7.324	77	4202m	0.954	ug/l	
27) cis-1,2-Dichloroethene	7.327	96	2886	0.930	ug/l	94
28) Bromochloromethane	7.665	49	2431m	1.037	ug/l	
29) Tetrahydrofuran	7.699	42	5994	4.883	ug/l #	88
30) Chloroform	7.820	83	5317	0.961	ug/l	84
32) 1,1,1-Trichloroethane	8.016	97	4347	0.905	ug/l #	41
36) 1,1-Dichloropropene	8.217	75	3664	0.875	ug/l	95
37) Ethyl Acetate	7.418	43	3996m	0.991	ug/l	
38) Carbon Tetrachloride	8.204	117	3507	0.832	ug/l #	85
39) Methylcyclohexane	9.462	83	4024	0.875	ug/l	92
40) Benzene	8.464	78	11084	0.894	ug/l	99
41) Methacrylonitrile	7.643	41	1848m	0.923	ug/l	
42) 1,2-Dichloroethane	8.531	62	4112	0.902	ug/l	86
43) Isopropyl Acetate	8.568	43	6222	0.888	ug/l	95
44) Trichloroethene	9.220	130	2977	0.959	ug/l	96
45) 1,2-Dichloropropane	9.494	63	2812	0.908	ug/l #	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.582	93	1929	0.860	ug/l	97
47) Bromodichloromethane	9.762	83	3771	0.873	ug/l #	92
48) Methyl methacrylate	9.563	41	3086	1.001	ug/l	88
49) 1,4-Dioxane	9.572	88	768	13.854	ug/l #	85
51) 4-Methyl-2-Pentanone	10.333	43	18227	4.248	ug/l	98
52) Toluene	10.508	92	6779	0.820	ug/l	95
53) t-1,3-Dichloropropene	10.719	75	3275	0.716	ug/l #	87
54) cis-1,3-Dichloropropene	10.191	75	3916	0.795	ug/l	93
55) 1,1,2-Trichloroethane	10.902	97	2542	0.797	ug/l	98
56) Ethyl methacrylate	10.765	69	3676	0.747	ug/l #	91
57) 1,3-Dichloropropane	11.047	76	4711	0.890	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.044	63	3633	3.714	ug/l	94
59) 2-Hexanone	11.090	43	12532	4.161	ug/l	100
60) Dibromochloromethane	11.240	129	2366	0.721	ug/l	95
61) 1,2-Dibromoethane	11.350	107	2398	0.729	ug/l	90
64) Tetrachloroethene	10.980	164	2623	0.928	ug/l	89
65) Chlorobenzene	11.771	112	7477	0.909	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.843	131	2280	0.781	ug/l #	64
67) Ethyl Benzene	11.849	91	13101	0.883	ug/l	98
68) m/p-Xylenes	11.958	106	9735	1.718	ug/l	90
69) o-Xylene	12.283	106	4731	0.843	ug/l	93
70) Styrene	12.296	104	6750	0.743	ug/l	93
71) Bromoform	12.465	173	1325	0.636	ug/l #	80
73) Isopropylbenzene	12.581	105	12037	0.962	ug/l	99
74) N-amyl acetate	12.393	43	4215	0.954	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.830	83	3397	0.949	ug/l	96
76) 1,2,3-Trichloropropane	12.884	75	3262m	1.086	ug/l	
77) Bromobenzene	12.865	156	2401	0.846	ug/l	83
78) n-propylbenzene	12.924	91	13275	0.955	ug/l	97
79) 2-Chlorotoluene	13.010	91	8043	0.942	ug/l	97
80) 1,3,5-Trimethylbenzene	13.063	105	9026	0.897	ug/l	100
82) 4-Chlorotoluene	13.109	91	7778	0.927	ug/l	98
83) tert-Butylbenzene	13.326	119	7751	0.910	ug/l	92
84) 1,2,4-Trimethylbenzene	13.372	105	8806	0.892	ug/l	91
85) sec-Butylbenzene	13.503	105	11139	0.951	ug/l	100
86) p-Isopropyltoluene	13.619	119	8313	0.878	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	4688	0.916	ug/l	91
88) 1,4-Dichlorobenzene	13.699	146	5253m	1.030	ug/l	
89) n-Butylbenzene	13.946	91	7736	0.983	ug/l	98
90) Hexachloroethane	14.214	117	1241	0.787	ug/l	71
91) 1,2-Dichlorobenzene	13.994	146	4386	0.879	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.600	75	545	0.911	ug/l #	48
93) 1,2,4-Trichlorobenzene	15.273	180	1653m	0.760	ug/l	
94) Hexachlorobutadiene	15.375	225	824	0.804	ug/l #	51
95) Naphthalene	15.512	128	4625	0.740	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.700	180	1606	0.798	ug/l	95

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

