

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042121\
 Data File : VN066700.D
 Acq On : 21 Apr 2021 15:44
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 4/22/2021 5:29:19 PM

Quant Time: Apr 21 16:01:51 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042121W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 21 16:01:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.591	168	273871	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	448638	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	385071	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.290	152	147759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.00	ug/l	
Spiked Amount	50.000	Range	61 - 141	Recovery	=	0.00%#
35) Dibromofluoromethane	0.000	113	0d	0.00	ug/l	
Spiked Amount	50.000	Range	69 - 133	Recovery	=	0.00%#
50) Toluene-d8	0.000	98	0d	0.00	ug/l	
Spiked Amount	50.000	Range	65 - 126	Recovery	=	0.00%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.00	ug/l	
Spiked Amount	50.000	Range	58 - 135	Recovery	=	0.00%#
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.835	85	2830	0.89	ug/l	94
3) Chloromethane	2.037	50	4818	1.04	ug/l	90
4) Vinyl Chloride	2.163	62	3351	0.80	ug/l	94
6) Chloroethane	2.667	64	2073	0.86	ug/l	89
7) Trichlorofluoromethane	2.978	101	3710	0.85	ug/l	94
8) Diethyl Ether	3.356	74	1546	0.84	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.697	101	2462	0.90	ug/l	94
12) 1,1-Dichloroethene	3.683	96	2391m	0.86	ug/l	
14) Allyl chloride	4.252	41	4245	0.80	ug/l	97
15) Acrylonitrile	4.909	53	5921m	0.79	ug/l	
16) Acetone	3.758	43	6845	1.02	ug/l	94
17) Carbon Disulfide	3.989	76	8829	0.95	ug/l	98
18) Methyl Acetate	4.263	43	3740	1.03	ug/l #	65
19) Methyl tert-butyl Ether	4.955	73	7278	0.81	ug/l #	88
20) Methylene Chloride	4.480	84	4943	1.33	ug/l	95
21) trans-1,2-Dichloroethene	4.957	96	2647m	0.86	ug/l	
22) Diisopropyl ether	5.866	45	8476	0.79	ug/l #	81
23) Vinyl Acetate	5.816	43	32434	0.75	ug/l	96
24) 1,1-Dichloroethane	5.765	63	5174	0.87	ug/l #	82
25) 2-Butanone	6.757	43	7392	0.79	ug/l	98
26) 2,2-Dichloropropane	6.735	77	4485	0.93	ug/l #	67
27) cis-1,2-Dichloroethene	6.741	96	3092	0.88	ug/l	92
28) Bromochloromethane	7.106	49	2513m	0.95	ug/l	
29) Tetrahydrofuran	7.135	42	5271	0.83	ug/l #	87
30) Chloroform	7.288	83	4752	0.85	ug/l	91
32) 1,1,1-Trichloroethane	7.492	97	3888	0.84	ug/l #	39
36) 1,1-Dichloropropene	7.720	75	3629	0.83	ug/l	91
37) Ethyl Acetate	6.856	43	4594m	1.00	ug/l	
38) Carbon Tetrachloride	7.701	117	3514	0.85	ug/l	95
39) Methylcyclohexane	9.015	83	4212	0.83	ug/l	94
40) Benzene	7.969	78	11546	0.83	ug/l	99
41) Methacrylonitrile	7.122	41	2271m	1.11	ug/l	
42) 1,2-Dichloroethane	8.052	62	3823	0.86	ug/l	88
43) Isopropyl Acetate	8.095	43	6164	0.87	ug/l #	83
44) Trichloroethene	8.774	130	2626	0.78	ug/l	97
45) 1,2-Dichloropropane	9.058	63	3153	0.85	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.141	93	1661	0.74	ug/l	92
47) Bromodichloromethane	9.337	83	3908	0.85	ug/l #	94
48) Methyl methacrylate	9.138	41	2345	0.74	ug/l	83
49) 1,4-Dioxane	9.138	88	544	0.70	ug/l #	72
51) 4-Methyl-2-Pentanone	9.924	43	15322	0.77	ug/l	87
52) Toluene	10.093	92	6219	0.76	ug/l	97
53) t-1,3-Dichloropropene	10.329	75	3544	0.72	ug/l	93
54) cis-1,3-Dichloropropene	9.779	75	4287	0.77	ug/l	93
55) 1,1,2-Trichloroethane	10.504	97	2454	0.76	ug/l	88
56) Ethyl methacrylate	10.378	69	2187	0.53	ug/l #	86
57) 1,3-Dichloropropane	10.648	76	4250	0.79	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.637	63	2007	0.62	ug/l #	64
59) 2-Hexanone	10.715	43	4519m	0.38	ug/l	
60) Dibromochloromethane	10.842	129	2529	0.73	ug/l	97
61) 1,2-Dibromoethane	10.951	107	2259	0.72	ug/l	90
64) Tetrachloroethene	10.571	164	2714	0.97	ug/l	89
65) Chlorobenzene	11.375	112	6803	0.83	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.448	131	2282	0.77	ug/l #	55
67) Ethyl Benzene	11.458	91	10317	0.74	ug/l	98
68) m/p-Xylenes	11.568	106	7294	0.70	ug/l	93
69) o-Xylene	11.898	106	3727	0.74	ug/l	96
70) Styrene	11.922	104	4166m	0.52	ug/l	
71) Bromoform	12.083	173	1389	0.63	ug/l #	84
73) Isopropylbenzene	12.199	105	8670	0.80	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.456	83	3136	0.85	ug/l #	94
76) 1,2,3-Trichloropropane	12.515	75	3195m	1.00	ug/l	
77) Bromobenzene	12.483	156	2226m	0.79	ug/l	
78) n-propylbenzene	12.547	91	8438	0.69	ug/l	82
79) 2-Chlorotoluene	12.625	91	4306	0.58	ug/l	83
80) 1,3,5-Trimethylbenzene	12.681	105	7217	0.79	ug/l	99
82) 4-Chlorotoluene	12.738	91	5279m	0.72	ug/l	
83) tert-Butylbenzene	12.942	119	8628m	1.10	ug/l	
84) 1,2,4-Trimethylbenzene	12.990	105	6967	0.78	ug/l	94
85) sec-Butylbenzene	13.121	105	8509	0.83	ug/l	96
86) p-Isopropyltoluene	13.239	119	5709	0.64	ug/l	92
87) 1,3-Dichlorobenzene	13.234	146	3821	0.78	ug/l	96
88) 1,4-Dichlorobenzene	13.309	146	5983m	1.11	ug/l	
89) n-Butylbenzene	13.596	91	8049m	0.99	ug/l	
90) Hexachloroethane	13.819	117	1898	1.01	ug/l	83
91) 1,2-Dichlorobenzene	13.609	146	4647m	0.93	ug/l	
92) 1,2-Dibromo-3-Chloropr...	14.245	75	739m	1.01	ug/l	
93) 1,2,4-Trichlorobenzene	14.870	180	4534m	1.27	ug/l	
94) Hexachlorobutadiene	14.953	225	1610	1.02	ug/l	99
95) Naphthalene	15.084	128	15920	1.27	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.261	180	4817	1.28	ug/l	92

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

