

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101221\
 Data File : VN068858.D
 Acq On : 12 Oct 2021 9:54
 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

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 10/14/2021 1:30:06 PM

Quant Time: Oct 13 04:56:20 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101221W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 04:54:53 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	480545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	818139	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	704930	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	251755	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	3743	0.713	ug/l	95
3) Chloromethane	2.306	50	5454	0.670	ug/l	94
4) Vinyl Chloride	2.448	62	4642	0.580	ug/l	98
6) Chloroethane	3.025	64	2815	0.615	ug/l	98
7) Trichlorofluoromethane	3.376	101	6597	0.696	ug/l	97
8) Diethyl Ether	3.837	74	2670	0.797	ug/l #	40
9) 1,1,2-Trichlorotrifluo...	4.221	101	3576m	0.704	ug/l	
12) 1,1-Dichloroethene	4.189	96	4273	0.881	ug/l #	76
14) Allyl chloride	4.843	41	5543	0.560	ug/l #	85
15) Acrylonitrile	5.556	53	9757	3.196	ug/l	99
16) Acetone	4.296	43	10351	3.412	ug/l	98
17) Carbon Disulfide	4.535	76	9889	0.692	ug/l	99
18) Methyl Acetate	4.865	43	6869	0.632	ug/l #	80
19) Methyl tert-butyl Ether	5.613	73	13065	0.715	ug/l	96
20) Methylene Chloride	5.101	84	4886	0.750	ug/l	97
21) trans-1,2-Dichloroethene	5.599	96	4516	0.856	ug/l	95
22) Diisopropyl ether	6.503	45	12499	0.613	ug/l	91
23) Vinyl Acetate	6.434	43	48320	3.031	ug/l	99
24) 1,1-Dichloroethane	6.393	63	7600	0.711	ug/l #	92
25) 2-Butanone	7.343	43	13611	3.048	ug/l	97
26) 2,2-Dichloropropane	7.329	77	7760	0.832	ug/l	94
27) cis-1,2-Dichloroethene	7.327	96	5805	0.927	ug/l	79
28) Bromochloromethane	7.654	49	3172m	0.669	ug/l	
29) Tetrahydrofuran	7.689	42	8356	2.950	ug/l	97
30) Chloroform	7.817	83	8057	0.739	ug/l	98
32) 1,1,1-Trichloroethane	8.016	97	8180	0.851	ug/l #	49
36) 1,1-Dichloropropene	8.228	75	5682	0.696	ug/l #	81
37) Ethyl Acetate	7.418	43	5716m	0.626	ug/l	
38) Carbon Tetrachloride	8.206	117	6469	0.760	ug/l	93
39) Methylcyclohexane	9.461	83	6953	0.718	ug/l	99
40) Benzene	8.461	78	17034	0.707	ug/l	94
41) Methacrylonitrile	7.643	41	3083	0.637	ug/l #	90
42) 1,2-Dichloroethane	8.533	62	5860	0.631	ug/l	92
43) Isopropyl Acetate	8.560	43	9545	0.606	ug/l	96
44) Trichloroethene	9.220	130	4102	0.702	ug/l	96
45) 1,2-Dichloropropane	9.491	63	4351	0.691	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.579	93	3003	0.717	ug/l	93
47) Bromodichloromethane	9.765	83	6052	0.695	ug/l #	91
48) Methyl methacrylate	9.558	41	4504	0.632	ug/l	93
49) 1,4-Dioxane	9.574	88	1349	12.574	ug/l #	43
51) 4-Methyl-2-Pentanone	10.330	43	26587	2.835	ug/l	97
52) Toluene	10.507	92	10504	0.687	ug/l	95
53) t-1,3-Dichloropropene	10.722	75	6531	0.679	ug/l	89
54) cis-1,3-Dichloropropene	10.194	75	6964	0.692	ug/l	96
55) 1,1,2-Trichloroethane	10.899	97	4337	0.733	ug/l	93
56) Ethyl methacrylate	10.762	69	6991	0.734	ug/l	91
57) 1,3-Dichloropropane	11.046	76	6608	0.644	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	6436	2.608	ug/l	97
59) 2-Hexanone	11.087	43	18621	2.762	ug/l	97
60) Dibromochloromethane	11.242	129	4711	0.733	ug/l	96
61) 1,2-Dibromoethane	11.347	107	3995	0.659	ug/l	97
64) Tetrachloroethene	10.979	164	3749	0.800	ug/l	88
65) Chlorobenzene	11.773	112	10918	0.737	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.846	131	4237	0.778	ug/l #	64
67) Ethyl Benzene	11.846	91	19057	0.704	ug/l	97
68) m/p-Xylenes	11.953	106	14834	1.487	ug/l	99
69) o-Xylene	12.283	106	7304	0.743	ug/l	95
70) Styrene	12.296	104	11131	0.703	ug/l	99
71) Bromoform	12.457	173	3146	0.754	ug/l #	91
73) Isopropylbenzene	12.581	105	18026	0.803	ug/l	99
74) N-amyl acetate	12.393	43	6094	0.647	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.830	83	5424	0.776	ug/l	83
76) 1,2,3-Trichloropropane	12.881	75	4154m	0.678	ug/l	
77) Bromobenzene	12.860	156	3792	0.736	ug/l	93
78) n-propylbenzene	12.924	91	19681	0.772	ug/l	98
79) 2-Chlorotoluene	13.010	91	12545	0.811	ug/l	100
80) 1,3,5-Trimethylbenzene	13.061	105	14756	0.830	ug/l	99
82) 4-Chlorotoluene	13.106	91	11569	0.769	ug/l	98
83) tert-Butylbenzene	13.323	119	13027	0.809	ug/l	97
84) 1,2,4-Trimethylbenzene	13.369	105	13815	0.796	ug/l	94
85) sec-Butylbenzene	13.503	105	17213	0.784	ug/l	98
86) p-Isopropyltoluene	13.618	119	13827	0.789	ug/l	95
87) 1,3-Dichlorobenzene	13.618	146	6274	0.715	ug/l	93
88) 1,4-Dichlorobenzene	13.699	146	6471m	0.725	ug/l	
89) n-Butylbenzene	13.946	91	10608	0.697	ug/l	94
90) Hexachloroethane	14.214	117	3034	0.864	ug/l	91
91) 1,2-Dichlorobenzene	13.991	146	6332	0.740	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	862	0.657	ug/l	92
93) 1,2,4-Trichlorobenzene	15.265	180	1711	0.407	ug/l	92
94) Hexachlorobutadiene	15.370	225	1742	0.752	ug/l	82
95) Naphthalene	15.509	128	4056	0.350	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	1617	0.395	ug/l	98

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

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