

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110921\
 Data File : VN069421.D
 Acq On : 9 Nov 2021 15:13
 Operator : JC/MD
 Sample : VSTDICC001
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/10/2021
 Supervised By : Semsettin Yesilyurt 11/17/2021

Quant Time: Nov 09 15:50:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110921W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 09 15:50:02 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1106257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1873678	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1643213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	564966	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	2.075	85	9699	0.821	ug/l	90
3) Chloromethane	2.306	50	14121	1.030	ug/l	96
4) Vinyl Chloride	2.451	62	12309	0.897	ug/l	98
6) Chloroethane	3.025	64	9013m	0.973	ug/l	
7) Trichlorofluoromethane	3.381	101	17649	0.832	ug/l	88
8) Diethyl Ether	3.819	74	6584	0.959	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.207	101	8410m	0.842	ug/l	
12) 1,1-Dichloroethene	4.191	96	8713	0.972	ug/l	91
14) Allyl chloride	4.832	41	14965	0.755	ug/l #	86
15) Acrylonitrile	5.556	53	30411m	4.109	ug/l	
16) Acetone	4.296	43	40941	4.731	ug/l	92
17) Carbon Disulfide	4.527	76	24484m	1.155	ug/l	
18) Methyl Acetate	4.865	43	28805	1.024	ug/l #	81
19) Methyl tert-butyl Ether	5.626	73	30796m	0.812	ug/l	
20) Methylene Chloride	5.090	84	16300	1.328	ug/l #	86
21) trans-1,2-Dichloroethene	5.597	96	8977	0.896	ug/l	100
22) Diisopropyl ether	6.498	45	30875	0.723	ug/l #	94
23) Vinyl Acetate	6.439	43	120327	3.643	ug/l	96
24) 1,1-Dichloroethane	6.388	63	18667	0.858	ug/l	93
25) 2-Butanone	7.345	43	46589	3.976	ug/l #	89
26) 2,2-Dichloropropane	7.319	77	13303	0.782	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	10898	0.878	ug/l	83
28) Bromochloromethane	7.662	49	10834	0.973	ug/l #	79
29) Tetrahydrofuran	7.697	42	29854	4.151	ug/l	87
30) Chloroform	7.820	83	19497	0.874	ug/l	96
32) 1,1,1-Trichloroethane	8.019	97	13740	0.738	ug/l #	47
36) 1,1-Dichloropropene	8.222	75	13047	0.828	ug/l	92
37) Ethyl Acetate	7.418	43	20952m	0.983	ug/l	
38) Carbon Tetrachloride	8.209	117	11435	0.751	ug/l	87
39) Methylcyclohexane	9.461	83	16211	0.827	ug/l #	90
40) Benzene	8.461	78	41796	0.859	ug/l	95
41) Methacrylonitrile	7.646	41	9129	0.829	ug/l #	86
42) 1,2-Dichloroethane	8.536	62	16783	0.881	ug/l	96
43) Isopropyl Acetate	8.566	43	26830	0.784	ug/l	95
44) Trichloroethene	9.220	130	10448	0.897	ug/l	97
45) 1,2-Dichloropropane	9.494	63	10828	0.833	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.577	93	6820	0.783	ug/l	91
47) Bromodichloromethane	9.765	83	12074	0.743	ug/l	95
48) Methyl methacrylate	9.563	41	11983	0.744	ug/l	95
49) 1,4-Dioxane	9.579	88	4184	14.566	ug/l #	84
51) 4-Methyl-2-Pentanone	10.330	43	84565	4.504	ug/l	94
52) Toluene	10.505	92	24034	0.793	ug/l	98
53) t-1,3-Dichloropropene	10.722	75	11499	0.677	ug/l	92
54) cis-1,3-Dichloropropene	10.191	75	12427	0.671	ug/l	91
55) 1,1,2-Trichloroethane	10.899	97	10489	0.858	ug/l	92
56) Ethyl methacrylate	10.762	69	14961	0.739	ug/l #	80
57) 1,3-Dichloropropane	11.047	76	16513	0.769	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.046	63	12814	2.733	ug/l	91
59) 2-Hexanone	11.089	43	73086	4.438	ug/l	93
60) Dibromochloromethane	11.237	129	7206	0.630	ug/l	91
61) 1,2-Dibromoethane	11.347	107	9409	0.760	ug/l #	44
64) Tetrachloroethene	10.982	164	9605	0.968	ug/l	93
65) Chlorobenzene	11.771	112	27414	0.896	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.843	131	7779	0.733	ug/l #	67
67) Ethyl Benzene	11.846	91	47068	0.834	ug/l	89
68) m/p-Xylenes	11.956	106	34024	1.640	ug/l	97
69) o-Xylene	12.283	106	16559	0.801	ug/l	96
70) Styrene	12.296	104	25433	0.765	ug/l	96
71) Bromoform	12.463	173	4372	0.578	ug/l #	99
73) Isopropylbenzene	12.578	105	40839	0.908	ug/l	98
74) N-amyl acetate	12.396	43	23772	1.247	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.830	83	14918	0.983	ug/l	98
76) 1,2,3-Trichloropropane	12.884	75	14684m	1.126	ug/l	
77) Bromobenzene	12.865	156	10672	1.037	ug/l	81
78) n-propylbenzene	12.921	91	46875	0.926	ug/l	95
79) 2-Chlorotoluene	13.010	91	30382	0.969	ug/l	94
80) 1,3,5-Trimethylbenzene	13.061	105	32355	0.890	ug/l	95
82) 4-Chlorotoluene	13.106	91	28937	0.969	ug/l	95
83) tert-Butylbenzene	13.329	119	29973	0.941	ug/l	95
84) 1,2,4-Trimethylbenzene	13.369	105	30889	0.880	ug/l	99
85) sec-Butylbenzene	13.503	105	38550	0.866	ug/l	98
86) p-Isopropyltoluene	13.616	119	29935	0.847	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	20461	1.147	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	23299m	1.332	ug/l	
89) n-Butylbenzene	13.946	91	34431	1.168	ug/l	97
90) Hexachloroethane	14.206	117	4102m	0.708	ug/l	
91) 1,2-Dichlorobenzene	13.991	146	19249	1.134	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.608	75	2688	1.097	ug/l #	53
93) 1,2,4-Trichlorobenzene	15.268	180	16280	2.177	ug/l	96
94) Hexachlorobutadiene	15.373	225	4739	1.075	ug/l	91
95) Naphthalene	15.512	128	68321	3.407	ug/l	98
96) 1,2,3-Trichlorobenzene	15.702	180	16803	2.346	ug/l	92

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

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