

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061422\
 Data File : VN072829.D
 Acq On : 14 Jun 2022 11:56
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/15/2022
 Supervised By : Mahesh Dadoda 06/15/2022

Quant Time: Jun 14 14:07:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061422W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 14 14:06:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	303377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	553221	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	456945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	148674	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	2.063	85	3094	0.704	ug/l	87
3) Chloromethane	2.299	50	3806	0.739	ug/l	91
4) Vinyl Chloride	2.434	62	2968	0.595	ug/l	94
6) Chloroethane	3.016	64	2634	0.730	ug/l #	76
7) Trichlorofluoromethane	3.369	101	5621	0.715	ug/l	84
8) Diethyl Ether	3.822	74	2490	0.796	ug/l	62
9) 1,1,2-Trichlorotrifluo...	4.210	101	3462	0.789	ug/l	91
12) 1,1-Dichloroethene	4.187	96	3305	0.830	ug/l #	79
14) Allyl chloride	4.845	41	7626	0.823	ug/l #	93
15) Acrylonitrile	5.551	53	14315	3.842	ug/l	92
16) Acetone	4.293	43	16361	4.501	ug/l #	84
17) Carbon Disulfide	4.528	76	7994	0.838	ug/l #	92
18) Methyl Acetate	4.857	43	11204	1.171	ug/l #	86
19) Methyl tert-butyl Ether	5.610	73	12135	0.661	ug/l	99
20) Methylene Chloride	5.093	84	4853	0.837	ug/l #	91
21) trans-1,2-Dichloroethene	5.581	96	3650	0.815	ug/l #	78
22) Diisopropyl ether	6.487	45	13324	0.691	ug/l #	90
23) Vinyl Acetate	6.428	43	58425	3.362	ug/l #	93
24) 1,1-Dichloroethane	6.381	63	7444	0.739	ug/l #	89
25) 2-Butanone	7.339	43	21661	3.809	ug/l #	89
26) 2,2-Dichloropropane	7.322	77	5630	0.611	ug/l	90
27) cis-1,2-Dichloroethene	7.316	96	4848	0.860	ug/l	98
28) Bromochloromethane	7.651	49	3153	0.655	ug/l #	90
29) Tetrahydrofuran	7.681	42	14088	3.993	ug/l #	56
30) Chloroform	7.810	83	7509	0.722	ug/l	94
32) 1,1,1-Trichloroethane	8.010	97	5748	0.628	ug/l #	51
36) 1,1-Dichloropropene	8.216	75	5555	0.775	ug/l	92
37) Ethyl Acetate	7.404	43	7109	0.644	ug/l	98
38) Carbon Tetrachloride	8.198	117	4935	0.660	ug/l #	96
39) Methylcyclohexane	9.457	83	5914	0.727	ug/l	90
40) Benzene	8.457	78	16130	0.755	ug/l	98
41) Methacrylonitrile	7.639	41	4134	0.785	ug/l #	65
42) 1,2-Dichloroethane	8.522	62	5772	0.634	ug/l	96
43) Isopropyl Acetate	8.563	43	15767	0.929	ug/l #	79
44) Trichloroethene	9.210	130	4244	0.871	ug/l	87
45) 1,2-Dichloropropane	9.486	63	3676	0.613	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.569	93	2802	0.702	ug/l	92
47) Bromodichloromethane	9.757	83	5088	0.615	ug/l #	93
48) Methyl methacrylate	9.557	41	5096	0.643	ug/l #	87
49) 1,4-Dioxane	9.569	88	2077	15.445	ug/l #	77
51) 4-Methyl-2-Pentanone	10.327	43	39410	3.512	ug/l	89
52) Toluene	10.504	92	9868	0.729	ug/l	95
53) t-1,3-Dichloropropene	10.716	75	5233	0.597	ug/l #	75
54) cis-1,3-Dichloropropene	10.180	75	5766	0.616	ug/l	94
55) 1,1,2-Trichloroethane	10.898	97	4126	0.718	ug/l #	82
56) Ethyl methacrylate	10.763	69	6211	0.623	ug/l #	73
57) 1,3-Dichloropropane	11.039	76	7207	0.701	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.039	63	10881	2.604	ug/l	94
59) 2-Hexanone	11.086	43	28423	3.426	ug/l	88
60) Dibromochloromethane	11.227	129	3675	0.621	ug/l	95
61) 1,2-Dibromoethane	11.345	107	4008	0.692	ug/l	92
64) Tetrachloroethene	10.974	164	3605	1.065	ug/l #	81
65) Chlorobenzene	11.769	112	9624	0.838	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	3281	0.753	ug/l #	62
67) Ethyl Benzene	11.839	91	18095	0.848	ug/l	97
68) m/p-Xylenes	11.951	106	12656	1.653	ug/l	96
69) o-Xylene	12.274	106	6823	0.886	ug/l	99
70) Styrene	12.292	104	9516	0.775	ug/l	98
71) Bromoform	12.451	173	2018	0.632	ug/l #	82
73) Isopropylbenzene	12.580	105	15644	1.051	ug/l	100
74) N-amyl acetate	12.392	43	7814	1.098	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.827	83	6133	1.169	ug/l #	96
76) 1,2,3-Trichloropropane	12.880	75	5584m	1.115	ug/l	
77) Bromobenzene	12.851	156	3534	1.165	ug/l	67
78) n-propylbenzene	12.916	91	15832	0.958	ug/l	93
79) 2-Chlorotoluene	13.004	91	11686	1.124	ug/l	91
80) 1,3,5-Trimethylbenzene	13.057	105	11655	0.971	ug/l	92
82) 4-Chlorotoluene	13.098	91	10269	1.058	ug/l	96
83) tert-Butylbenzene	13.321	119	11174	1.042	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	10557	0.915	ug/l	96
85) sec-Butylbenzene	13.498	105	13673	0.952	ug/l	95
86) p-Isopropyltoluene	13.615	119	9357	0.837	ug/l	92
87) 1,3-Dichlorobenzene	13.615	146	6061	1.171	ug/l	96
88) 1,4-Dichlorobenzene	13.692	146	6420m	1.257	ug/l	
89) n-Butylbenzene	13.945	91	8994	0.951	ug/l	98
90) Hexachloroethane	14.204	117	2170	0.913	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	6057	1.178	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	1506	1.322	ug/l	74
93) 1,2,4-Trichlorobenzene	15.257	180	3555	1.519	ug/l	96
94) Hexachlorobutadiene	15.357	225	1387	1.232	ug/l	90
95) Naphthalene	15.504	128	15127	1.653	ug/l	98
96) 1,2,3-Trichlorobenzene	15.698	180	3873	1.596	ug/l	95

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

Manual Integrations

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