

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061622\
 Data File : VN072879.D
 Acq On : 16 Jun 2022 10:39
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 17 05:33:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061622W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 17 05:32:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/20/2022
 Supervised By : Mahesh Dadoda 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	286745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	450260	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.674	117	450365	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	199072	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	2.046	85	3640	0.911	ug/l	86
3) Chloromethane	2.269	50	5055	1.103	ug/l	96
4) Vinyl Chloride	2.416	62	3597	1.023	ug/l	97
6) Chloroethane	2.975	64	2260	1.093	ug/l #	69
7) Trichlorofluoromethane	3.322	101	6833	1.024	ug/l #	75
8) Diethyl Ether	3.775	74	2607	0.927	ug/l	57
9) 1,1,2-Trichlorotrifluo...	4.140	101	4118m	1.091	ug/l	
12) 1,1-Dichloroethene	4.110	96	4451	1.113	ug/l	91
14) Allyl chloride	4.757	41	8975	1.107	ug/l #	92
15) Acrylonitrile	5.481	53	14477	4.836	ug/l #	91
16) Acetone	4.234	43	13881	5.191	ug/l	89
17) Carbon Disulfide	4.463	76	12265	1.133	ug/l #	74
18) Methyl Acetate	4.787	43	9674	1.269	ug/l #	60
19) Methyl tert-butyl Ether	5.528	73	14477	0.990	ug/l	96
20) Methylene Chloride	5.004	84	5044	1.055	ug/l #	90
21) trans-1,2-Dichloroethene	5.516	96	4655	1.100	ug/l #	91
22) Diisopropyl ether	6.410	45	15054	1.005	ug/l	93
23) Vinyl Acetate	6.351	43	64309	4.722	ug/l	100
24) 1,1-Dichloroethane	6.304	63	7875	1.004	ug/l #	89
25) 2-Butanone	7.263	43	20551	4.825	ug/l	99
26) 2,2-Dichloropropane	7.239	77	7478	1.055	ug/l	94
27) cis-1,2-Dichloroethene	7.239	96	5759	1.123	ug/l	93
28) Bromochloromethane	7.581	49	3184	0.947	ug/l #	98
29) Tetrahydrofuran	7.610	42	13758	4.873	ug/l	90
30) Chloroform	7.745	83	8154	1.007	ug/l	95
32) 1,1,1-Trichloroethane	7.934	97	6919	0.965	ug/l	94
36) 1,1-Dichloropropene	8.151	75	5399	0.967	ug/l	90
37) Ethyl Acetate	7.339	43	7338	0.908	ug/l #	76
38) Carbon Tetrachloride	8.128	117	6250	1.039	ug/l	85
39) Methylcyclohexane	9.386	83	7250	1.046	ug/l	91
40) Benzene	8.381	78	17957	1.009	ug/l	98
41) Methacrylonitrile	7.557	41	4597	1.092	ug/l #	87
42) 1,2-Dichloroethane	8.457	62	6465	1.007	ug/l	91
43) Isopropyl Acetate	8.492	43	12859	1.022	ug/l #	93
44) Trichloroethene	9.145	130	5253	1.104	ug/l	85
45) 1,2-Dichloropropane	9.416	63	4366	0.972	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.510	93	3028	0.972	ug/l	97
47) Bromodichloromethane	9.686	83	6169	0.977	ug/l #	90
48) Methyl methacrylate	9.492	41	5714	0.994	ug/l	91
49) 1,4-Dioxane	9.504	88	2433	19.987	ug/l #	91
51) 4-Methyl-2-Pentanone	10.263	43	40572	4.985	ug/l	91
52) Toluene	10.433	92	12036	1.045	ug/l	97
53) t-1,3-Dichloropropene	10.651	75	7521	1.046	ug/l	97
54) cis-1,3-Dichloropropene	10.116	75	7270	0.974	ug/l #	81
55) 1,1,2-Trichloroethane	10.827	97	4691	1.009	ug/l	94
56) Ethyl methacrylate	10.698	69	7358	0.932	ug/l #	75
57) 1,3-Dichloropropane	10.975	76	7593	0.957	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.975	63	12300	4.407	ug/l	97
59) 2-Hexanone	11.022	43	29125	4.819	ug/l	92
60) Dibromochloromethane	11.169	129	4865	0.975	ug/l	99
61) 1,2-Dibromoethane	11.275	107	5170	1.022	ug/l	98
64) Tetrachloroethene	10.904	164	4652	1.076	ug/l #	77
65) Chlorobenzene	11.704	112	12151	1.024	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.769	131	4564	0.995	ug/l #	59
67) Ethyl Benzene	11.780	91	21035	1.004	ug/l	97
68) m/p-Xylenes	11.886	106	17276	2.145	ug/l	94
69) o-Xylene	12.216	106	8930	1.081	ug/l	96
70) Styrene	12.233	104	12999	1.016	ug/l	95
71) Bromoform	12.398	173	3556	0.959	ug/l #	94
73) Isopropylbenzene	12.516	105	20528	1.081	ug/l	98
74) N-amyl acetate	12.327	43	8414	1.036	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.763	83	6449	1.039	ug/l	97
76) 1,2,3-Trichloropropane	12.816	75	6560m	1.105	ug/l	
77) Bromobenzene	12.792	156	4917	1.108	ug/l	95
78) n-propylbenzene	12.857	91	20290	1.025	ug/l	98
79) 2-Chlorotoluene	12.939	91	14297	1.108	ug/l	98
80) 1,3,5-Trimethylbenzene	12.992	105	16666	1.095	ug/l	96
82) 4-Chlorotoluene	13.033	91	13204	1.110	ug/l	100
83) tert-Butylbenzene	13.257	119	14418	1.059	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	15640	1.069	ug/l	97
85) sec-Butylbenzene	13.433	105	18670	1.058	ug/l	96
86) p-Isopropyltoluene	13.551	119	14548	1.021	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	8496	1.176	ug/l	92
88) 1,4-Dichlorobenzene	13.627	146	9097m	1.250	ug/l	
89) n-Butylbenzene	13.880	91	11011	1.005	ug/l	99
90) Hexachloroethane	14.139	117	3513	1.140	ug/l	75
91) 1,2-Dichlorobenzene	13.921	146	8130	1.112	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.533	75	2015	1.337	ug/l	66
93) 1,2,4-Trichlorobenzene	15.186	180	4127	1.130	ug/l	94
94) Hexachlorobutadiene	15.286	225	2215	1.225	ug/l	92
95) Naphthalene	15.433	128	12826	1.017	ug/l	97
96) 1,2,3-Trichlorobenzene	15.615	180	3616	0.997	ug/l	93

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

