

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021522\
 Data File : VN070946.D
 Acq On : 15 Feb 2022 12:22
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Feb 16 07:11:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 16 07:10:17 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/21/2022
 Supervised By :Semsettin Yesilyurt 02/21/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	708456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1102798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	962438	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	382460	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	2.069	85	7953	1.081	ug/l	83
3) Chloromethane	2.299	50	10781	1.166	ug/l	96
4) Vinyl Chloride	2.446	62	10725	1.158	ug/l	96
6) Chloroethane	3.034	64	7576	1.247	ug/l #	72
7) Trichlorofluoromethane	3.381	101	13698	1.181	ug/l	97
8) Diethyl Ether	3.816	74	5625	1.115	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.204	101	7909	1.111	ug/l #	90
12) 1,1-Dichloroethene	4.169	96	7844	1.131	ug/l	95
14) Allyl chloride	4.840	41	15946	1.206	ug/l #	86
15) Acrylonitrile	5.557	53	22221	5.115	ug/l	96
16) Acetone	4.281	43	26880	6.031	ug/l	99
17) Carbon Disulfide	4.534	76	22896	1.151	ug/l #	94
18) Methyl Acetate	4.845	43	14529	1.351	ug/l #	89
19) Methyl tert-butyl Ether	5.616	73	23549	0.968	ug/l #	87
20) Methylene Chloride	5.098	84	9196	1.135	ug/l #	84
21) trans-1,2-Dichloroethene	5.598	96	7786	1.046	ug/l	93
22) Diisopropyl ether	6.498	45	24039	0.948	ug/l	96
23) Vinyl Acetate	6.428	43	99400	4.628	ug/l	98
24) 1,1-Dichloroethane	6.381	63	15085	1.061	ug/l	92
25) 2-Butanone	7.333	43	27952	4.714	ug/l	92
26) 2,2-Dichloropropane	7.316	77	12012	1.016	ug/l	99
27) cis-1,2-Dichloroethene	7.316	96	8505	0.994	ug/l	89
28) Bromochloromethane	7.651	49	5008	0.870	ug/l #	95
29) Tetrahydrofuran	7.686	42	18590	4.840	ug/l	96
30) Chloroform	7.810	83	14739	1.054	ug/l	97
32) 1,1,1-Trichloroethane	8.016	97	11689	0.968	ug/l #	49
36) 1,1-Dichloropropene	8.222	75	11177	1.040	ug/l	94
37) Ethyl Acetate	7.410	43	10585	0.918	ug/l	99
38) Carbon Tetrachloride	8.198	117	10582	0.999	ug/l #	93
39) Methylcyclohexane	9.457	83	13799	0.998	ug/l	98
40) Benzene	8.457	78	31969	1.006	ug/l	93
41) Methacrylonitrile	7.633	41	5762	0.949	ug/l	95
42) 1,2-Dichloroethane	8.522	62	11223	1.037	ug/l	93
43) Isopropyl Acetate	8.557	43	16886	0.930	ug/l	96
44) Trichloroethene	9.204	130	8300	0.992	ug/l	90
45) 1,2-Dichloropropane	9.486	63	7933	0.974	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.569	93	5468	1.020	ug/l	94
47) Bromodichloromethane	9.757	83	10820	0.999	ug/l	99
48) Methyl methacrylate	9.551	41	7496	0.872	ug/l	93
49) 1,4-Dioxane	9.569	88	3055	20.003	ug/l #	78
51) 4-Methyl-2-Pentanone	10.327	43	49171	4.449	ug/l	99
52) Toluene	10.498	92	18404	0.921	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	10108	0.858	ug/l	97
54) cis-1,3-Dichloropropene	10.186	75	11739	0.908	ug/l #	87
55) 1,1,2-Trichloroethane	10.898	97	8220	1.051	ug/l	93
56) Ethyl methacrylate	10.751	69	9254	0.786	ug/l	99
57) 1,3-Dichloropropane	11.045	76	13253	0.980	ug/l	95
58) 2-Chloroethyl Vinyl ether	10.033	63	5531	2.799	ug/l #	87
59) 2-Hexanone	11.080	43	29685	3.905	ug/l	97
60) Dibromochloromethane	11.233	129	7437	0.900	ug/l	92
61) 1,2-Dibromoethane	11.339	107	7398	0.930	ug/l	95
64) Tetrachloroethene	10.969	164	8414	1.123	ug/l	88
65) Chlorobenzene	11.763	112	22122	1.067	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.833	131	7917	1.047	ug/l #	67
67) Ethyl Benzene	11.839	91	34598	0.953	ug/l	97
68) m/p-Xylenes	11.945	106	26056	1.858	ug/l	95
69) o-Xylene	12.274	106	12608	0.921	ug/l	100
70) Styrene	12.292	104	17768	0.816	ug/l	97
71) Bromoform	12.457	173	5504	0.914	ug/l #	99
73) Isopropylbenzene	12.574	105	30214	0.981	ug/l	95
74) N-amyl acetate	12.392	43	8342	0.848	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.821	83	10712	1.095	ug/l	99
76) 1,2,3-Trichloropropane	12.880	75	9391m	0.987	ug/l	
77) Bromobenzene	12.851	156	7638	1.014	ug/l	75
78) n-propylbenzene	12.915	91	33310	0.963	ug/l	98
79) 2-Chlorotoluene	12.998	91	21349	1.016	ug/l	97
80) 1,3,5-Trimethylbenzene	13.051	105	22749	0.912	ug/l	98
82) 4-Chlorotoluene	13.098	91	19398	0.951	ug/l	99
83) tert-Butylbenzene	13.315	119	27779	1.174	ug/l	89
84) 1,2,4-Trimethylbenzene	13.363	105	22707	0.925	ug/l	92
85) sec-Butylbenzene	13.498	105	28450	0.913	ug/l	99
86) p-Isopropyltoluene	13.610	119	22004	0.860	ug/l	98
87) 1,3-Dichlorobenzene	13.615	146	13328	0.999	ug/l	95
88) 1,4-Dichlorobenzene	13.692	146	13354m	1.022	ug/l	
89) n-Butylbenzene	13.939	91	19723	0.945	ug/l	98
90) Hexachloroethane	14.204	117	4372	0.957	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	13361	1.067	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.604	75	1510	0.953	ug/l	93
93) 1,2,4-Trichlorobenzene	15.257	180	4780	0.768	ug/l	94
94) Hexachlorobutadiene	15.357	225	5512	1.207	ug/l	92
95) Naphthalene	15.509	128	6245	0.484	ug/l #	92
96) 1,2,3-Trichlorobenzene	15.698	180	4299	0.763	ug/l	96

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

