

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062822\
 Data File : VN073193.D
 Acq On : 28 Jun 2022 10:10
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Jun 28 11:51:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 11:50:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2022
 Supervised By :Semsettin Yesilyurt 06/30/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	258948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	454865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	391777	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	163034	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	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.052	85	3334	1.229	ug/l	100
3) Chloromethane	2.269	50	3632	1.224	ug/l	92
4) Vinyl Chloride	2.404	62	3248	1.369	ug/l #	84
6) Chloroethane	2.981	64	2030	1.384	ug/l	91
7) Trichlorofluoromethane	3.316	101	5019	1.255	ug/l #	78
8) Diethyl Ether	3.769	74	2053	1.062	ug/l	74
9) 1,1,2-Trichlorotrifluo...	4.140	101	3408	1.301	ug/l	88
12) 1,1-Dichloroethene	4.122	96	3180	1.229	ug/l #	85
14) Allyl chloride	4.763	41	6984	1.262	ug/l #	86
15) Acrylonitrile	5.481	53	12021	5.586	ug/l	100
16) Acetone	4.228	43	11311	5.697	ug/l	94
17) Carbon Disulfide	4.469	76	7642	1.137	ug/l #	82
18) Methyl Acetate	4.793	43	6738	1.268	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	10966	1.134	ug/l #	88
20) Methylene Chloride	5.028	84	3991	1.184	ug/l #	86
21) trans-1,2-Dichloroethene	5.522	96	3177	1.134	ug/l	88
22) Diisopropyl ether	6.422	45	11431	1.111	ug/l #	89
23) Vinyl Acetate	6.351	43	49258	5.193	ug/l #	93
24) 1,1-Dichloroethane	6.322	63	5942m	1.103	ug/l	
25) 2-Butanone	7.269	43	16366	5.197	ug/l	98
26) 2,2-Dichloropropane	7.245	77	6766	1.398	ug/l	89
27) cis-1,2-Dichloroethene	7.251	96	3768	1.120	ug/l	85
28) Bromochloromethane	7.581	49	2257	0.997	ug/l #	88
29) Tetrahydrofuran	7.610	42	11812	5.654	ug/l	91
30) Chloroform	7.739	83	6189	1.135	ug/l	85
32) 1,1,1-Trichloroethane	7.939	97	5282	1.100	ug/l #	51
36) 1,1-Dichloropropene	8.145	75	4391	1.111	ug/l	99
37) Ethyl Acetate	7.339	43	7464	1.190	ug/l #	93
38) Carbon Tetrachloride	8.139	117	4920	1.190	ug/l #	87
39) Methylcyclohexane	9.392	83	5561	1.162	ug/l	94
40) Benzene	8.392	78	13927	1.126	ug/l	96
41) Methacrylonitrile	7.563	41	3685	1.249	ug/l #	77
42) 1,2-Dichloroethane	8.457	62	5025	1.140	ug/l	86
43) Isopropyl Acetate	8.498	43	9425	1.051	ug/l #	95
44) Trichloroethene	9.145	130	3870	1.229	ug/l	99
45) 1,2-Dichloropropane	9.422	63	3579	1.130	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.516	93	2476	1.162	ug/l	92
47) Bromodichloromethane	9.698	83	4354	1.027	ug/l #	85
48) Methyl methacrylate	9.498	41	4977	1.201	ug/l #	87
49) 1,4-Dioxane	9.498	88	1604	17.709	ug/l #	93
51) 4-Methyl-2-Pentanone	10.269	43	29327	5.034	ug/l	93
52) Toluene	10.439	92	8539	1.125	ug/l	99
53) t-1,3-Dichloropropene	10.651	75	4507	0.987	ug/l #	73
54) cis-1,3-Dichloropropene	10.122	75	5369	1.078	ug/l	88
55) 1,1,2-Trichloroethane	10.833	97	3836	1.161	ug/l #	90
56) Ethyl methacrylate	10.698	69	5234	0.985	ug/l #	75
57) 1,3-Dichloropropane	10.980	76	6123	1.107	ug/l	92
58) 2-Chloroethyl Vinyl ether	9.980	63	11366	4.834	ug/l	100
59) 2-Hexanone	11.022	43	22247	4.942	ug/l	89
60) Dibromochloromethane	11.174	129	2735	0.875	ug/l	76
61) 1,2-Dibromoethane	11.286	107	3214	0.981	ug/l	89
64) Tetrachloroethene	10.910	164	3293	1.303	ug/l	90
65) Chlorobenzene	11.704	112	8735	1.115	ug/l #	84
66) 1,1,1,2-Tetrachloroethane	11.780	131	3364	1.130	ug/l #	63
67) Ethyl Benzene	11.780	91	15402	1.108	ug/l	91
68) m/p-Xylenes	11.892	106	11378	2.095	ug/l	99
69) o-Xylene	12.210	106	6320	1.164	ug/l	83
70) Styrene	12.227	104	8587	0.987	ug/l	97
71) Bromoform	12.404	173	1964	0.877	ug/l #	97
73) Isopropylbenzene	12.516	105	13460	1.043	ug/l	95
74) N-amyl acetate	12.321	43	7700	1.156	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.763	83	4782	1.043	ug/l	95
76) 1,2,3-Trichloropropane	12.816	75	4412m	1.097	ug/l	
77) Bromobenzene	12.798	156	3320	1.083	ug/l	83
78) n-propylbenzene	12.857	91	13809	0.969	ug/l	100
79) 2-Chlorotoluene	12.939	91	9874	1.075	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	10487	0.992	ug/l	97
82) 4-Chlorotoluene	13.039	91	9178	1.055	ug/l	98
83) tert-Butylbenzene	13.263	119	9707	1.006	ug/l	91
84) 1,2,4-Trimethylbenzene	13.304	105	10655	1.010	ug/l	97
85) sec-Butylbenzene	13.439	105	12122	0.936	ug/l	100
86) p-Isopropyltoluene	13.551	119	9510	0.910	ug/l #	83
87) 1,3-Dichlorobenzene	13.551	146	5973	1.085	ug/l	97
88) 1,4-Dichlorobenzene	13.633	146	6173m	1.111	ug/l	
89) n-Butylbenzene	13.880	91	8662	1.011	ug/l	94
90) Hexachloroethane	14.145	117	1742	0.884	ug/l	86
91) 1,2-Dichlorobenzene	13.921	146	5990	1.047	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.533	75	1110	0.896	ug/l	90
93) 1,2,4-Trichlorobenzene	15.186	180	2769	0.881	ug/l	86
94) Hexachlorobutadiene	15.292	225	1476	1.081	ug/l	95
95) Naphthalene	15.433	128	13488	1.056	ug/l	99
96) 1,2,3-Trichlorobenzene	15.615	180	3247	0.964	ug/l	89

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

