

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074900.D
 Acq On : 14 Oct 2022 09:58
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Oct 17 01:10:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101422W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 01:09:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	289491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	500037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	516100	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	248169	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	2.142	85	6020	1.084	ug/l	80
3) Chloromethane	2.383	50	10957	1.348	ug/l	93
4) Vinyl Chloride	2.530	62	14890	1.274	ug/l	97
7) Trichlorofluoromethane	3.518	101	9375	1.112	ug/l #	82
8) Diethyl Ether	4.006	74	4300m	1.113	ug/l	
9) 1,1,2-Trichlorotrifluo...	4.395	101	5859m	1.137	ug/l	
12) 1,1-Dichloroethene	4.348	96	5259m	1.043	ug/l	
14) Allyl chloride	5.053	41	9892	1.034	ug/l #	82
15) Acrylonitrile	5.747	53	20837m	4.941	ug/l	
16) Acetone	4.465	43	21542	5.962	ug/l	92
17) Carbon Disulfide	4.742	76	14682m	1.160	ug/l	
18) Methyl Acetate	5.059	43	15768	1.219	ug/l #	70
19) Methyl tert-butyl Ether	5.830	73	20428	1.037	ug/l #	82
20) Methylene Chloride	5.289	84	8837	1.296	ug/l #	88
21) trans-1,2-Dichloroethene	5.818	96	6360m	1.152	ug/l	
22) Diisopropyl ether	6.700	45	23428	1.040	ug/l	97
23) Vinyl Acetate	6.624	43	81605	4.935	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	14707	1.213	ug/l #	84
25) 2-Butanone	7.506	43	31361	5.271	ug/l	96
26) 2,2-Dichloropropane	7.512	77	10747	1.105	ug/l	78
27) cis-1,2-Dichloroethene	7.494	96	8408	1.226	ug/l	78
28) Bromochloromethane	7.818	49	5024	0.986	ug/l #	73
29) Tetrahydrofuran	7.853	42	17888	4.580	ug/l	95
30) Chloroform	7.989	83	11683	1.041	ug/l #	67
32) 1,1,1-Trichloroethane	8.189	97	9291	0.975	ug/l #	43
36) 1,1-Dichloropropene	8.371	75	8841	1.110	ug/l #	85
37) Ethyl Acetate	7.577	43	13855	1.172	ug/l #	79
38) Carbon Tetrachloride	8.365	117	7459	0.991	ug/l #	70
39) Methylcyclohexane	9.606	83	9449	0.984	ug/l #	54
40) Benzene	8.618	78	28758	1.098	ug/l #	83
41) Methacrylonitrile	7.800	41	5670	0.974	ug/l #	67
42) 1,2-Dichloroethane	8.683	62	8834	1.033	ug/l	87
43) Isopropyl Acetate	8.700	43	19088	1.049	ug/l #	84
44) Trichloroethene	9.359	130	6258	1.142	ug/l	90
45) 1,2-Dichloropropane	9.624	63	7886	1.119	ug/l #	58
46) Dibromomethane	9.712	93	5099	1.130	ug/l	92

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) Bromodichloromethane	9.883	83	8166m	0.943	ug/l	
48) Methyl methacrylate	9.612	41	9530	1.125	ug/l #	68
49) 1,4-Dioxane	9.700	88	3631	23.522	ug/l #	72
51) 4-Methyl-2-Pentanone	10.447	43	54605	4.668	ug/l	98
52) Toluene	10.630	92	15318	0.977	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	9724	1.027	ug/l	90
54) cis-1,3-Dichloropropene	10.324	75	9249	0.917	ug/l #	71
55) 1,1,2-Trichloroethane	11.024	97	5431	0.862	ug/l #	70
56) Ethyl methacrylate	10.877	69	9249	0.917	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	12579	1.101	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	16887	4.704	ug/l #	73
59) 2-Hexanone	11.200	43	39753	4.654	ug/l	91
60) Dibromochloromethane	11.365	129	6780	1.074	ug/l	90
61) 1,2-Dibromoethane	11.465	107	6042	0.970	ug/l	88
64) Tetrachloroethene	11.106	164	5679	1.367	ug/l #	71
65) Chlorobenzene	11.900	112	15584	1.046	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.971	131	6215	1.113	ug/l	89
67) Ethyl Benzene	11.965	91	26176	0.959	ug/l	89
68) m/p-Xylenes	12.076	106	18172	1.787	ug/l	88
69) o-Xylene	12.394	106	10265	0.988	ug/l	95
70) Styrene	12.412	104	14145	0.859	ug/l	93
71) Bromoform	12.582	173	3539	0.915	ug/l #	91
73) Isopropylbenzene	12.700	105	22147	1.003	ug/l	98
74) N-amyl acetate	12.500	43	13187	1.100	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.947	83	10951	1.252	ug/l	96
76) 1,2,3-Trichloropropane	12.994	75	7011m	1.028	ug/l	
77) Bromobenzene	12.982	156	5981	1.223	ug/l	98
78) n-propylbenzene	13.035	91	26212	1.040	ug/l	94
79) 2-Chlorotoluene	13.129	91	15349	1.019	ug/l	76
80) 1,3,5-Trimethylbenzene	13.176	105	17776	0.991	ug/l	98
82) 4-Chlorotoluene	13.229	91	14036	0.996	ug/l	97
83) tert-Butylbenzene	13.447	119	13378	0.863	ug/l	84
84) 1,2,4-Trimethylbenzene	13.482	105	17389	0.986	ug/l	93
85) sec-Butylbenzene	13.618	105	22573	1.010	ug/l	94
86) p-Isopropyltoluene	13.735	119	18102	1.019	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	11103	1.210	ug/l	93
88) 1,4-Dichlorobenzene	13.812	146	10982	1.213	ug/l	80
89) n-Butylbenzene	14.059	91	13994	0.924	ug/l	96
90) Hexachloroethane	14.335	117	5106	1.338	ug/l	70
91) 1,2-Dichlorobenzene	14.112	146	12038	1.265	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.729	75	1958	1.207	ug/l	81
93) 1,2,4-Trichlorobenzene	15.394	180	5519	1.282	ug/l	81
94) Hexachlorobutadiene	15.506	225	2439	1.180	ug/l #	69
95) Naphthalene	15.641	128	14984	0.973	ug/l #	91
96) 1,2,3-Trichlorobenzene	15.841	180	4626	1.135	ug/l	94

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

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