

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061722\
 Data File : VN072909.D
 Acq On : 17 Jun 2022 13:50
 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 18 05:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061722W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 18 05:42:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.828	168	148	50.000	ug/l	#-0.19
34) 1,4-Difluorobenzene	8.639	114	567722	50.000	ug/l	-0.26
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.68
72) 1,4-Dichlorobenzene-d4	13.592	152	216059	50.000	ug/l	-0.02
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.022	65	5699	2236.374	ug/l	-0.35
Spiked Amount	50.000	Range	74 - 125	Recovery	= 4472.740%#	
35) Dibromofluoromethane	7.633	113	620	0.130	ug/l	-0.32
Spiked Amount	50.000	Range	75 - 124	Recovery	= 0.260%#	
50) Toluene-d8	10.251	98	13579	0.727	ug/l	-0.12
Spiked Amount	50.000	Range	86 - 113	Recovery	= 1.460%#	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	83 - 123	Recovery	= 0.000%#	
Target Compounds						Qvalue
3) Chloromethane	2.216	50	72	32.677	ug/l #	43
4) Vinyl Chloride	2.157	62	59	34.433	ug/l #	43
6) Chloroethane	2.898	64	88	86.467	ug/l #	42
7) Trichlorofluoromethane	3.128	101	3315	1048.278	ug/l	93
8) Diethyl Ether	3.781	74	1367	994.920	ug/l #	7
14) Allyl chloride	4.645	41	223	56.205	ug/l #	24
16) Acetone	4.034	43	78	59.205	ug/l #	42
18) Methyl Acetate	4.569	43	3115	828.061	ug/l #	52
23) Vinyl Acetate	6.092	43	67	10.044	ug/l #	68
25) 2-Butanone	7.139	43	2476	1177.687	ug/l #	1
27) cis-1,2-Dichloroethene	6.933	96	58	23.135	ug/l #	1
28) Bromochloromethane	7.304	49	316	190.960	ug/l #	8
29) Tetrahydrofuran	7.333	42	120	86.324	ug/l #	29
30) Chloroform	7.286	83	4504	1134.516	ug/l	98
31) Cyclohexane	7.716	56	7458	2170.532	ug/l #	12
32) 1,1,1-Trichloroethane	7.516	97	5436	1556.806	ug/l #	50
36) 1,1-Dichloropropene	7.763	75	5341	0.805	ug/l	95
37) Ethyl Acetate	7.139	43	2476	0.258	ug/l #	67
38) Carbon Tetrachloride	7.745	117	5203	0.731	ug/l #	88
39) Methylcyclohexane	9.175	83	6011	0.731	ug/l	87
40) Benzene	8.045	78	14756	0.698	ug/l	90
42) 1,2-Dichloroethane	8.133	62	5502	0.723	ug/l	99
43) Isopropyl Acetate	8.192	43	9676	0.646	ug/l #	91
44) Trichloroethene	8.910	130	4263	0.759	ug/l	90
45) 1,2-Dichloropropane	9.210	63	3719	0.697	ug/l #	85
46) Dibromomethane	9.316	93	2383	0.646	ug/l	98
47) Bromodichloromethane	9.522	83	4873	0.653	ug/l #	93
48) Methyl methacrylate	9.175	41	2419	0.355	ug/l #	68
49) 1,4-Dioxane	9.316	88	1887	13.020	ug/l	91
51) 4-Methyl-2-Pentanone	10.145	43	30614	3.153	ug/l	94
52) Toluene	10.321	92	8713	0.640	ug/l	94
53) t-1,3-Dichloropropene	10.557	75	5128	0.605	ug/l	93
54) cis-1,3-Dichloropropene	9.986	75	5763	0.654	ug/l	93
55) 1,1,2-Trichloroethane	10.745	97	4147	0.752	ug/l #	85
56) Ethyl methacrylate	10.604	69	5786	0.620	ug/l #	76
57) 1,3-Dichloropropane	10.898	76	6537	0.697	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	9.839	63	9802	2.890	ug/l	94
59) 2-Hexanone	10.951	43	21347	2.964	ug/l	92
60) Dibromochloromethane	11.092	129	3455	0.589	ug/l	95
61) 1,2-Dibromoethane	11.210	107	3533	0.593	ug/l	97
73) Isopropylbenzene	12.486	105	15642	0.776	ug/l	100
74) N-amyl acetate	12.298	43	8224	0.937	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.739	83	5628	0.849	ug/l	96
76) 1,2,3-Trichloropropane	12.792	75	7420	1.201	ug/l #	1
77) Bromobenzene	12.768	156	4063	0.862	ug/l	97
78) n-propylbenzene	12.833	91	17042	0.810	ug/l	100
79) 2-Chlorotoluene	12.915	91	11667	0.854	ug/l	95
80) 1,3,5-Trimethylbenzene	12.974	105	13294	0.820	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.533	75	1752	0.794	ug/l #	84
82) 4-Chlorotoluene	13.021	91	11656	0.919	ug/l	98
83) tert-Butylbenzene	13.239	119	11615	0.797	ug/l	96
84) 1,2,4-Trimethylbenzene	13.286	105	13220	0.848	ug/l	98
85) sec-Butylbenzene	13.421	105	15545	0.826	ug/l	97
86) p-Isopropyltoluene	13.539	119	12982	0.852	ug/l	99
87) 1,3-Dichlorobenzene	13.533	146	7083	0.915	ug/l	96
88) 1,4-Dichlorobenzene	13.533	146	7083	0.904	ug/l	96
89) n-Butylbenzene	13.868	91	10709	0.909	ug/l	98
90) Hexachloroethane	14.133	117	2629	0.809	ug/l	84
91) 1,2-Dichlorobenzene	13.909	146	7991	1.015	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.533	75	1559	0.948	ug/l	79
93) 1,2,4-Trichlorobenzene	15.192	180	4773	1.199	ug/l	94
94) Hexachlorobutadiene	15.292	225	1755	0.896	ug/l	86
95) Naphthalene	15.421	128	15775	1.131	ug/l	97
96) 1,2,3-Trichlorobenzene	15.615	180	4352	1.098	ug/l	93

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

