

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030623\
 Data File : VN076859.D
 Acq On : 06 Mar 2023 20:27
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Mar 07 03:19:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 07 01:59:03 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/07/2023
 Supervised By : Semsettin Yesilyurt 03/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	636415	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1127292	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	993152	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	451967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	866734	97.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 194.280%#			
35) Dibromofluoromethane	8.172	113	685790	97.246	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 194.500%#			
50) Toluene-d8	10.572	98	2739953	100.847	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 201.700%#			
62) 4-Bromofluorobenzene	12.848	95	1005515	106.803	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 213.600%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	686476	92.700	ug/l	100
3) Chloromethane	2.378	50	844972	86.752	ug/l	94
4) Vinyl Chloride	2.531	62	814178	91.197	ug/l	98
5) Bromomethane	2.931	94	459740	78.370	ug/l	93
6) Chloroethane	3.113	64	492780	94.845	ug/l	100
7) Trichlorofluoromethane	3.502	101	1210731	92.947	ug/l	97
8) Diethyl Ether	3.972	74	492535	98.295	ug/l	68
9) 1,1,2-Trichlorotrifluo...	4.384	101	696509	91.450	ug/l	99
10) Methyl Iodide	4.601	142	900191	113.320	ug/l	95
11) Tert butyl alcohol	5.543	59	646558	487.972	ug/l	98
12) 1,1-Dichloroethene	4.349	96	680990	95.887	ug/l	91
13) Acrolein	4.190	56	836389	487.952	ug/l	99
14) Allyl chloride	5.037	41	1144449	96.521	ug/l #	79
15) Acrylonitrile	5.731	53	2056531	482.624	ug/l	99
16) Acetone	4.437	43	1632646	419.184	ug/l	96
17) Carbon Disulfide	4.719	76	1860444	96.493	ug/l	98
18) Methyl Acetate	5.037	43	1283420	96.165	ug/l #	85
19) Methyl tert-butyl Ether	5.807	73	2408140	98.882	ug/l	95
20) Methylene Chloride	5.290	84	783626	86.235	ug/l #	84
21) trans-1,2-Dichloroethene	5.801	96	718382	93.552	ug/l	85
22) Diisopropyl ether	6.684	45	2594856	97.274	ug/l #	92
23) Vinyl Acetate	6.613	43	8621665	507.409	ug/l #	91
24) 1,1-Dichloroethane	6.578	63	1437655	94.511	ug/l	97
25) 2-Butanone	7.489	43	2723618	478.714	ug/l #	83
26) 2,2-Dichloropropane	7.495	77	1087682	97.639	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	843892	93.810	ug/l	87
28) Bromochloromethane	7.819	49	596081	92.668	ug/l #	76
29) Tetrahydrofuran	7.842	42	1807647	492.511	ug/l #	78
30) Chloroform	7.972	83	1406036	93.065	ug/l	100
31) Cyclohexane	8.260	56	1332173	88.381	ug/l	84
32) 1,1,1-Trichloroethane	8.172	97	1248146	95.402	ug/l	98
36) 1,1-Dichloropropene	8.378	75	1085984	95.813	ug/l	95
37) Ethyl Acetate	7.566	43	1091924	93.855	ug/l	94
38) Carbon Tetrachloride	8.366	117	1073021	93.190	ug/l	98
39) Methylcyclohexane	9.607	83	1391217	99.581	ug/l #	85
40) Benzene	8.613	78	3222448	93.332	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	631796	99.446	ug/l #	82
42) 1,2-Dichloroethane	8.678	62	1081288	89.902	ug/l	96
43) Isopropyl Acetate	8.695	43	1823913	102.406	ug/l #	89
44) Trichloroethene	9.354	130	796338	97.276	ug/l	99
45) 1,2-Dichloropropane	9.625	63	840296	94.179	ug/l	99
46) Dibromomethane	9.713	93	528044	93.180	ug/l	99
47) Bromodichloromethane	9.889	83	1121499	96.265	ug/l	97
48) Methyl methacrylate	9.683	41	884061	102.150	ug/l #	78
49) 1,4-Dioxane	9.695	88	294211	1854.732	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	5617850	500.065	ug/l	91
52) Toluene	10.636	92	2003184	97.439	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	1224445	108.427	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	1336587	103.041	ug/l #	92
55) 1,1,2-Trichloroethane	11.019	97	772401	94.447	ug/l	98
56) Ethyl methacrylate	10.878	69	1307180	107.277	ug/l #	82
57) 1,3-Dichloropropane	11.166	76	1365643	96.178	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	2284852	541.181	ug/l	91
59) 2-Hexanone	11.201	43	4053131	497.892	ug/l	90
60) Dibromochloromethane	11.360	129	810884	100.621	ug/l	99
61) 1,2-Dibromoethane	11.472	107	782721	99.578	ug/l	99
64) Tetrachloroethene	11.107	164	746947	101.063	ug/l	97
65) Chlorobenzene	11.895	112	2041788	95.131	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	749092	96.483	ug/l	99
67) Ethyl Benzene	11.966	91	3933258	100.926	ug/l	97
68) m/p-Xylenes	12.077	106	2941282	200.599	ug/l	93
69) o-Xylene	12.401	106	1456118	100.846	ug/l	91
70) Styrene	12.413	104	2411626	106.529	ug/l	96
71) Bromoform	12.583	173	560947	106.145	ug/l #	99
73) Isopropylbenzene	12.695	105	3829306	97.199	ug/l	96
74) N-amyl acetate	12.495	43	1584521	102.838	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.942	83	1065888	84.421	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	1009302m	88.547	ug/l	
77) Bromobenzene	12.983	156	813872	93.355	ug/l	87
78) n-propylbenzene	13.036	91	4543339	101.127	ug/l	96
79) 2-Chlorotoluene	13.130	91	2718934	94.343	ug/l	92
80) 1,3,5-Trimethylbenzene	13.177	105	3262429	98.804	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	352598	102.020	ug/l	88
82) 4-Chlorotoluene	13.224	91	2639986	96.625	ug/l	92
83) tert-Butylbenzene	13.442	119	2756160	97.681	ug/l	92
84) 1,2,4-Trimethylbenzene	13.483	105	3241820	99.532	ug/l	94
85) sec-Butylbenzene	13.618	105	4036638	102.467	ug/l	97
86) p-Isopropyltoluene	13.730	119	3329721	105.674	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	1541575	96.843	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1518062	93.920	ug/l	98
89) n-Butylbenzene	14.060	91	2976732	109.352	ug/l	97
90) Hexachloroethane	14.336	117	577680	101.472	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	1511954	93.766	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	246879	103.191	ug/l	87
93) 1,2,4-Trichlorobenzene	15.395	180	899330	111.486	ug/l	99
94) Hexachlorobutadiene	15.507	225	411477	97.966	ug/l	99
95) Naphthalene	15.642	128	3026460	117.127	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	858912	108.330	ug/l	99

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

