

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032523\
 Data File : VN077193.D
 Acq On : 24 Mar 2023 23:18
 Operator : JC\MD
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 27 02:28:10 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:24:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	462438	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	808363	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	749189	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	353217	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	1064594	147.238	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 294.480%#	
35) Dibromofluoromethane	8.172	113	814147	148.427	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 296.860%#	
50) Toluene-d8	10.572	98	3200736	155.731	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 311.460%#	
62) 4-Bromofluorobenzene	12.854	95	1124768	166.746	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 333.500%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.137	85	762002	157.963	ug/l	99
3) Chloromethane	2.372	50	923623	136.482	ug/l	96
4) Vinyl Chloride	2.525	62	980218	128.237	ug/l	98
5) Bromomethane	2.913	94	828409	135.773	ug/l	94
6) Chloroethane	3.101	64	877008	132.338	ug/l	98
7) Trichlorofluoromethane	3.496	101	1488976	127.036	ug/l	98
8) Diethyl Ether	3.966	74	551562	142.969	ug/l	63
9) 1,1,2-Trichlorotrifluo...	4.378	101	760994	151.696	ug/l	97
10) Methyl Iodide	4.596	142	955850	168.882	ug/l	95
11) Tert butyl alcohol	5.542	59	789422	801.098	ug/l	100
12) 1,1-Dichloroethene	4.343	96	763419	159.994	ug/l	86
13) Acrolein	4.184	56	1042398	754.190	ug/l	100
14) Allyl chloride	5.025	41	1489047	166.107	ug/l #	78
15) Acrylonitrile	5.731	53	2348112	764.335	ug/l	99
16) Acetone	4.437	43	1961815	729.723	ug/l	91
17) Carbon Disulfide	4.719	76	2172457	162.710	ug/l	98
18) Methyl Acetate	5.031	43	1632420	151.774	ug/l #	82
19) Methyl tert-butyl Ether	5.807	73	2801594	165.175	ug/l	96
20) Methylene Chloride	5.284	84	884818	147.798	ug/l #	77
21) trans-1,2-Dichloroethene	5.790	96	816990	156.024	ug/l	84
22) Diisopropyl ether	6.678	45	3058933	158.311	ug/l #	91
23) Vinyl Acetate	6.613	43	10478133	840.383	ug/l #	88
24) 1,1-Dichloroethane	6.578	63	1643354	152.126	ug/l	98
25) 2-Butanone	7.489	43	3190145	758.904	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	1188674	159.563	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	956016	158.276	ug/l	86
28) Bromochloromethane	7.819	49	726655	131.911	ug/l #	73
29) Tetrahydrofuran	7.842	42	2159197	775.378	ug/l #	74
30) Chloroform	7.972	83	1583302	148.808	ug/l	99
31) Cyclohexane	8.260	56	1474587	146.807	ug/l	83
32) 1,1,1-Trichloroethane	8.172	97	1449393	158.669	ug/l	97
36) 1,1-Dichloropropene	8.378	75	1223829	160.312	ug/l	96
37) Ethyl Acetate	7.566	43	1367045	160.654	ug/l #	89
38) Carbon Tetrachloride	8.366	117	1238684	160.029	ug/l	98
39) Methylcyclohexane	9.607	83	1499536	168.180	ug/l #	85
40) Benzene	8.613	78	3598068	153.788	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	707982	152.228	ug/l #	83
42) 1,2-Dichloroethane	8.672	62	1318947	149.516	ug/l	94
43) Isopropyl Acetate	8.695	43	2242326	163.340	ug/l #	86
44) Trichloroethene	9.354	130	863771	161.135	ug/l	97
45) 1,2-Dichloropropane	9.625	63	956094	153.657	ug/l	100
46) Dibromomethane	9.713	93	617591	151.862	ug/l	98
47) Bromodichloromethane	9.889	83	1289423	159.420	ug/l	97
48) Methyl methacrylate	9.683	41	1078008	163.067	ug/l #	77
49) 1,4-Dioxane	9.701	88	332583	2951.064	ug/l #	79
51) 4-Methyl-2-Pentanone	10.448	43	6859195	794.109	ug/l	86
52) Toluene	10.630	92	2299449	161.156	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	1400356	170.617	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	1512609	168.400	ug/l #	85
55) 1,1,2-Trichloroethane	11.019	97	851565	152.033	ug/l	97
56) Ethyl methacrylate	10.877	69	1436522	173.735	ug/l #	70
57) 1,3-Dichloropropane	11.166	76	1524236	152.644	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.166	63	2834814	878.900	ug/l	90
59) 2-Hexanone	11.201	43	4957068	798.546	ug/l	83
60) Dibromochloromethane	11.360	129	955510	166.057	ug/l	98
61) 1,2-Dibromoethane	11.472	107	883171	158.657	ug/l	99
64) Tetrachloroethene	11.107	164	710040	152.783	ug/l	97
65) Chlorobenzene	11.895	112	2347411	155.512	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	855248	155.089	ug/l	99
67) Ethyl Benzene	11.966	91	4416661	160.838	ug/l	100
68) m/p-Xylenes	12.071	106	3378383	323.457	ug/l	95
69) o-Xylene	12.401	106	1679167	166.019	ug/l	92
70) Styrene	12.413	104	2863443	175.267	ug/l	96
71) Bromoform	12.583	173	696163	170.432	ug/l #	97
73) Isopropylbenzene	12.701	105	4396343	158.192	ug/l	97
74) N-amyl acetate	12.495	43	1984594	163.880	ug/l #	82
75) 1,1,2,2-Tetrachloroethane	12.942	83	1281843	138.088	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	1652180	216.522	ug/l	58
77) Bromobenzene	12.983	156	963443	150.588	ug/l	93
78) n-propylbenzene	13.036	91	5137981	160.310	ug/l	97
79) 2-Chlorotoluene	13.130	91	3019090	153.183	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	3692989	159.570	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	425408	171.114	ug/l	88
82) 4-Chlorotoluene	13.224	91	2982571	159.433	ug/l	95
83) tert-Butylbenzene	13.442	119	3128699	159.841	ug/l	95
84) 1,2,4-Trimethylbenzene	13.483	105	3727197	163.882	ug/l	95
85) sec-Butylbenzene	13.618	105	4607838	165.050	ug/l	97
86) p-Isopropyltoluene	13.730	119	3931087	175.814	ug/l	96
87) 1,3-Dichlorobenzene	13.736	146	1873697	162.259	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	1848218	160.025	ug/l	99
89) n-Butylbenzene	14.060	91	3378934	184.329	ug/l	98
90) Hexachloroethane	14.336	117	679222	163.010	ug/l	94
91) 1,2-Dichlorobenzene	14.107	146	1802720	156.516	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	259019	157.690	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	948773	158.733	ug/l	100
94) Hexachlorobutadiene	15.507	225	436999	149.570	ug/l	98
95) Naphthalene	15.642	128	3200355	155.004	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	918910	155.528	ug/l	99

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

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