

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060223\
 Data File : VN078033.D
 Acq On : 02 Jun 2023 16:45
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 05 01:21:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	344915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	610461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	554187	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	231053	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	265705	51.485	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 102.980%	
35) Dibromofluoromethane	8.177	113	229254	57.591	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 115.180%	
50) Toluene-d8	10.576	98	835501	54.529	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 109.060%	
62) 4-Bromofluorobenzene	12.853	95	289006	53.406	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 106.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	160206	40.813	ug/l	97
3) Chloromethane	2.371	50	187676	44.912	ug/l	98
4) Vinyl Chloride	2.518	62	255464	51.619	ug/l	97
5) Bromomethane	2.936	94	187086	51.113	ug/l	99
6) Chloroethane	3.112	64	198730	55.719	ug/l	99
7) Trichlorofluoromethane	3.495	101	353032	51.186	ug/l	98
8) Diethyl Ether	3.965	74	131773	52.334	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	198859	52.099	ug/l	97
10) Methyl Iodide	4.594	142	264771	58.166	ug/l	98
11) Tert butyl alcohol	5.536	59	210868	296.063	ug/l	98
12) 1,1-Dichloroethene	4.347	96	187284	51.626	ug/l	86
13) Acrolein	4.189	56	124825	285.828	ug/l	96
14) Allyl chloride	5.036	41	257593	48.335	ug/l	94
15) Acrylonitrile	5.730	53	538860	283.187	ug/l	98
16) Acetone	4.442	43	441683	272.029	ug/l	93
17) Carbon Disulfide	4.718	76	417170	42.679	ug/l	97
18) Methyl Acetate	5.036	43	400962	58.865	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	706330	53.791	ug/l	93
20) Methylene Chloride	5.283	84	237048	56.343	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	210054	51.547	ug/l	88
22) Diisopropyl ether	6.683	45	676422	54.150	ug/l #	95
23) Vinyl Acetate	6.612	43	2065144	266.831	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	416207	54.386	ug/l	97
25) 2-Butanone	7.494	43	694546	273.455	ug/l	90
26) 2,2-Dichloropropane	7.500	77	356969	54.904	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	269036	55.061	ug/l	93
28) Bromochloromethane	7.824	49	170396	51.484	ug/l	91
29) Tetrahydrofuran	7.847	42	451145	271.267	ug/l	85
30) Chloroform	7.977	83	464544	55.182	ug/l	95
31) Cyclohexane	8.265	56	318799	45.450	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	396995	55.467	ug/l	95
36) 1,1-Dichloropropene	8.377	75	321854	55.278	ug/l	98
37) Ethyl Acetate	7.571	43	288839	55.657	ug/l #	93
38) Carbon Tetrachloride	8.371	117	351176	59.729	ug/l	99
39) Methylcyclohexane	9.606	83	317723	44.573	ug/l	92
40) Benzene	8.612	78	973805	56.676	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	146956	53.172	ug/l	92
42) 1,2-Dichloroethane	8.682	62	350483	56.154	ug/l	97
43) Isopropyl Acetate	8.694	43	562355	66.341	ug/l #	89
44) Trichloroethene	9.359	130	252168	57.962	ug/l	97
45) 1,2-Dichloropropane	9.629	63	253128	57.757	ug/l	95
46) Dibromomethane	9.718	93	182190	58.095	ug/l	95
47) Bromodichloromethane	9.894	83	369222	61.496	ug/l	98
48) Methyl methacrylate	9.688	41	229866	57.195	ug/l	89
49) 1,4-Dioxane	9.706	88	105553	1390.549	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1524636	302.588	ug/l	93
52) Toluene	10.635	92	633838	59.256	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	389328	61.234	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	413464	59.011	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	257346	60.592	ug/l	95
56) Ethyl methacrylate	10.882	69	391703	60.996	ug/l	92
57) 1,3-Dichloropropane	11.171	76	433575	59.548	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.171	63	735057	232.669	ug/l	92
59) 2-Hexanone	11.200	43	1096617	294.245	ug/l	93
60) Dibromochloromethane	11.365	129	278357	63.486	ug/l	99
61) 1,2-Dibromoethane	11.476	107	259637	61.277	ug/l	99
64) Tetrachloroethene	11.112	164	202744	52.313	ug/l	99
65) Chlorobenzene	11.900	112	689526	57.393	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.970	131	260372	62.634	ug/l	97
67) Ethyl Benzene	11.970	91	1218561	56.599	ug/l	98
68) m/p-Xylenes	12.076	106	931788	114.219	ug/l	98
69) o-Xylene	12.406	106	459964	57.332	ug/l	96
70) Styrene	12.418	104	751883	58.995	ug/l	98
71) Bromoform	12.588	173	183855	66.484	ug/l #	98
73) Isopropylbenzene	12.700	105	1164520	58.469	ug/l	99
74) N-amyl acetate	12.500	43	400718	54.432	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.947	83	374437	61.111	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	315606m	54.543	ug/l	
77) Bromobenzene	12.988	156	262309	57.712	ug/l	96
78) n-propylbenzene	13.041	91	1338437	57.002	ug/l	99
79) 2-Chlorotoluene	13.129	91	816339	58.263	ug/l	97
80) 1,3,5-Trimethylbenzene	13.182	105	967743	57.812	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	106973	59.094	ug/l #	82
82) 4-Chlorotoluene	13.229	91	778542	55.846	ug/l	97
83) tert-Butylbenzene	13.447	119	802195	54.895	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	954312	57.968	ug/l	99
85) sec-Butylbenzene	13.623	105	1073380	51.684	ug/l	99
86) p-Isopropyltoluene	13.735	119	871902	52.661	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	470216	55.941	ug/l	98
88) 1,4-Dichlorobenzene	13.817	146	453454	54.364	ug/l	99
89) n-Butylbenzene	14.064	91	695564	45.674	ug/l	97
90) Hexachloroethane	14.341	117	158369	58.225	ug/l	89
91) 1,2-Dichlorobenzene	14.111	146	462278	58.870	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	60665	51.141	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	180603	39.357	ug/l	98
94) Hexachlorobutadiene	15.506	225	77465	40.658	ug/l	97
95) Naphthalene	15.647	128	595487	37.701	ug/l	99
96) 1,2,3-Trichlorobenzene	15.853	180	188602	41.978	ug/l	99

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

