

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101422\
 Data File : VN074905.D
 Acq On : 14 Oct 2022 11:59
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Quant Time: Oct 17 01:13:59 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	8.235	168	323597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	572060	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	645088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	433421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	798093	101.853	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 203.700%#	
35) Dibromofluoromethane	8.177	113	615676	99.083	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 198.160%#	
50) Toluene-d8	10.570	98	2721582	106.169	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 212.340%#	
62) 4-Bromofluorobenzene	12.853	95	892431	122.268	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 244.540%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.142	85	551715	88.869	ug/l	95
3) Chloromethane	2.377	50	709772	78.141	ug/l	97
4) Vinyl Chloride	2.530	62	1129232	86.461	ug/l	99
5) Bromomethane	2.918	94	936253	89.560	ug/l	98
6) Chloroethane	3.095	64	990474m	96.247	ug/l	
7) Trichlorofluoromethane	3.489	101	820624	87.100	ug/l	95
8) Diethyl Ether	3.977	74	394119	91.266	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	516374	89.607	ug/l	98
10) Methyl Iodide	4.606	142	639073	96.912	ug/l	98
11) Tert butyl alcohol	5.565	59	884433	458.664	ug/l	97
12) 1,1-Dichloroethene	4.353	96	496572	88.070	ug/l	98
13) Acrolein	4.200	56	986038	483.267	ug/l	95
14) Allyl chloride	5.036	41	1077770	100.741	ug/l	85
15) Acrylonitrile	5.741	53	2271626	481.853	ug/l	99
16) Acetone	4.447	43	1713480	424.272	ug/l	99
17) Carbon Disulfide	4.718	76	1292395	91.361	ug/l	99
18) Methyl Acetate	5.047	43	1322915	91.482	ug/l	98
19) Methyl tert-butyl Ether	5.818	73	2175784	98.845	ug/l	97
20) Methylene Chloride	5.294	84	654198	85.826	ug/l	96
21) trans-1,2-Dichloroethene	5.794	96	567266	91.930	ug/l	86
22) Diisopropyl ether	6.688	45	2432060	96.555	ug/l	96
23) Vinyl Acetate	6.624	43	9358199	506.306	ug/l	99
24) 1,1-Dichloroethane	6.582	63	1236825	91.236	ug/l	98
25) 2-Butanone	7.500	43	3177777	477.850	ug/l	100
26) 2,2-Dichloropropane	7.506	77	1019690	93.791	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	705441	92.034	ug/l	99
28) Bromochloromethane	7.824	49	593987	104.331	ug/l	98
29) Tetrahydrofuran	7.853	42	2171163	497.306	ug/l	98
30) Chloroform	7.977	83	1217845	97.050	ug/l	94
31) Cyclohexane	8.265	56	1064469	91.483	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	1055433	99.048	ug/l	98
36) 1,1-Dichloropropene	8.382	75	866087	95.084	ug/l	98
37) Ethyl Acetate	7.577	43	1274656	94.266	ug/l	98
38) Carbon Tetrachloride	8.371	117	865021	100.465	ug/l	100
39) Methylcyclohexane	9.606	83	1107141	100.802	ug/l	97
40) Benzene	8.612	78	2800437	93.478	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	682254	102.492	ug/l	97
42) 1,2-Dichloroethane	8.676	62	936568	95.698	ug/l	99
43) Isopropyl Acetate	8.694	43	2020826	97.091	ug/l	99
44) Trichloroethene	9.353	130	597985	95.379	ug/l	86
45) 1,2-Dichloropropane	9.623	63	755940	93.739	ug/l	93
46) Dibromomethane	9.712	93	473940	91.783	ug/l	98
47) Bromodichloromethane	9.894	83	984302	99.347	ug/l	98
48) Methyl methacrylate	9.612	41	922313	95.152	ug/l #	99
49) 1,4-Dioxane	9.706	88	336356	1904.579	ug/l #	83
51) 4-Methyl-2-Pentanone	10.453	43	6875482	513.729	ug/l	100
52) Toluene	10.635	92	1823092	101.594	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	1164340	107.530	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	1187583	102.869	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	709911	98.493	ug/l	94
56) Ethyl methacrylate	10.876	69	1272786	110.322	ug/l	98
57) 1,3-Dichloropropane	11.165	76	1254054	95.933	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	2247764	547.294	ug/l	99
59) 2-Hexanone	11.200	43	5216507	533.875	ug/l	99
60) Dibromochloromethane	11.365	129	737442	102.098	ug/l	99
61) 1,2-Dibromoethane	11.470	107	728068	102.132	ug/l	99
64) Tetrachloroethene	11.106	164	464665	89.489	ug/l	96
65) Chlorobenzene	11.894	112	1816740	97.584	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.965	131	671042	96.132	ug/l	99
67) Ethyl Benzene	11.965	91	3519579	103.112	ug/l	95
68) m/p-Xylenes	12.076	106	2721525	214.125	ug/l	99
69) o-Xylene	12.400	106	1357195	104.538	ug/l	95
70) Styrene	12.412	104	2385135	115.831	ug/l	99
71) Bromoform	12.582	173	579567	119.882	ug/l #	97
73) Isopropylbenzene	12.700	105	3695201	95.845	ug/l	99
74) N-amyl acetate	12.500	43	1970609	94.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	1277209	83.636	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	1107217m	92.989	ug/l	
77) Bromobenzene	12.982	156	754587	88.366	ug/l	98
78) n-propylbenzene	13.041	91	4357318	99.002	ug/l	100
79) 2-Chlorotoluene	13.129	91	2481603	94.302	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	3046706	97.214	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	459294m	98.628	ug/l	
82) 4-Chlorotoluene	13.223	91	2479665	100.757	ug/l	99
83) tert-Butylbenzene	13.441	119	2611376	96.425	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	3050902	99.083	ug/l	99
85) sec-Butylbenzene	13.617	105	3950860	101.171	ug/l	98
86) p-Isopropyltoluene	13.729	119	3231517	104.130	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	1531524	95.603	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	1522776	96.339	ug/l	98
89) n-Butylbenzene	14.058	91	2920793	110.452	ug/l	99
90) Hexachloroethane	14.335	117	587729	88.210	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	1548445	93.181	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	254625	89.883	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	721137	95.941	ug/l	94
94) Hexachlorobutadiene	15.500	225	320388	88.759	ug/l	94
95) Naphthalene	15.641	128	2910421	108.157	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	723543	101.626	ug/l	99

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

