

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120922\
 Data File : VN075661.D
 Acq On : 09 Dec 2022 11:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 12 07:31:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120922W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 12 03:01:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	145526	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	239364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	223602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	117492	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	42851	27.752	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	55.500%#
35) Dibromofluoromethane	8.171	113	54373	37.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	74.460%#
50) Toluene-d8	10.571	98	111303	20.294	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	40.580%#
62) 4-Bromofluorobenzene	12.853	95	88911	47.415	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	61454	57.416	ug/l	97
3) Chloromethane	2.371	50	70942	55.631	ug/l	94
4) Vinyl Chloride	2.524	62	85331	54.475	ug/l	92
5) Bromomethane	2.930	94	83664	62.711	ug/l	96
6) Chloroethane	3.112	64	68903	58.954	ug/l	98
7) Trichlorofluoromethane	3.501	101	127688	56.183	ug/l	97
8) Diethyl Ether	3.971	74	58507	70.416	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	76648	57.466	ug/l	99
10) Methyl Iodide	4.595	142	137755	63.202	ug/l	99
11) Tert butyl alcohol	5.542	59	78637	344.254	ug/l	98
12) 1,1-Dichloroethene	4.348	96	72040	57.785	ug/l	99
13) Acrolein	4.183	56	78847	299.705	ug/l	98
14) Allyl chloride	5.036	41	101848	65.602	ug/l	92
15) Acrylonitrile	5.724	53	212306	359.822	ug/l	99
16) Acetone	4.436	43	193059	369.203	ug/l	99
17) Carbon Disulfide	4.718	76	176959	53.643	ug/l	98
18) Methyl Acetate	5.036	43	111780	66.525	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	303780	72.437	ug/l	97
20) Methylene Chloride	5.283	84	95512	61.271	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	82984	59.564	ug/l	95
22) Diisopropyl ether	6.683	45	252329	71.433	ug/l	97
23) Vinyl Acetate	6.612	43	884585	328.408	ug/l	99
24) 1,1-Dichloroethane	6.577	63	149868	64.454	ug/l	99
25) 2-Butanone	7.489	43	278263	364.020	ug/l	96
26) 2,2-Dichloropropane	7.500	77	125877	63.475	ug/l	100
27) cis-1,2-Dichloroethene	7.494	96	107525	63.573	ug/l	98
28) Bromochloromethane	7.818	49	57970	62.355	ug/l	98
29) Tetrahydrofuran	7.841	42	172809	366.772	ug/l	99
30) Chloroform	7.971	83	175394	68.102	ug/l	98
31) Cyclohexane	8.259	56	118914	52.016	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	145531	61.248	ug/l	98
36) 1,1-Dichloropropene	8.377	75	111440	57.468	ug/l	99
37) Ethyl Acetate	7.565	43	108787	69.872	ug/l	98
38) Carbon Tetrachloride	8.365	117	128614	57.475	ug/l	97
39) Methylcyclohexane	9.600	83	146152	59.437	ug/l	99
40) Benzene	8.606	78	370504	62.257	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	56451	70.711	ug/l	99
42) 1,2-Dichloroethane	8.677	62	133347	66.981	ug/l	99
43) Isopropyl Acetate	8.688	43	185891	71.517	ug/l	99
44) Trichloroethene	9.353	130	102187	60.865	ug/l	99
45) 1,2-Dichloropropane	9.624	63	93085	65.765	ug/l	96
46) Dibromomethane	9.712	93	72544	68.267	ug/l	99
47) Bromodichloromethane	9.888	83	143352	68.802	ug/l	97
48) Methyl methacrylate	9.682	41	85296	71.251	ug/l	98
49) 1,4-Dioxane	9.700	88	42165	1448.963	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	568746	354.858	ug/l	100
52) Toluene	10.630	92	245279	62.355	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	150282	73.031	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	158944	69.426	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	107652	69.605	ug/l	96
56) Ethyl methacrylate	10.877	69	154984	73.955	ug/l	98
57) 1,3-Dichloropropane	11.165	76	171906	68.767	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	245357	396.529	ug/l	100
59) 2-Hexanone	11.200	43	427111	366.801	ug/l	99
60) Dibromochloromethane	11.359	129	121044	71.124	ug/l	99
61) 1,2-Dibromoethane	11.471	107	110994	68.499	ug/l	99
64) Tetrachloroethene	11.106	164	87340	53.625	ug/l	98
65) Chlorobenzene	11.894	112	277447	60.306	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	109121	65.192	ug/l	98
67) Ethyl Benzene	11.965	91	474759	61.000	ug/l	98
68) m/p-Xylenes	12.071	106	386576	122.926	ug/l	98
69) o-Xylene	12.400	106	194470	63.726	ug/l	98
70) Styrene	12.412	104	327756	66.965	ug/l	98
71) Bromoform	12.582	173	93518	73.708	ug/l #	98
73) Isopropylbenzene	12.700	105	483537	57.317	ug/l	99
74) N-amyl acetate	12.494	43	169038	68.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	156368	61.704	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	187059	79.278	ug/l	71
77) Bromobenzene	12.982	156	128049	60.357	ug/l	99
78) n-propylbenzene	13.035	91	550645	58.822	ug/l	100
79) 2-Chlorotoluene	13.129	91	336485	58.222	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	423851	60.095	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	45461	62.087	ug/l	91
82) 4-Chlorotoluene	13.129	91	336485	58.222	ug/l	100
83) tert-Butylbenzene	13.441	119	368365	57.593	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	438284	61.828	ug/l	98
85) sec-Butylbenzene	13.618	105	513777	58.431	ug/l	99
86) p-Isopropyltoluene	13.729	119	449733	61.128	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	237878	59.956	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	234307	58.059	ug/l	100
89) n-Butylbenzene	14.059	91	359025	60.884	ug/l	100
90) Hexachloroethane	14.335	117	77025	61.121	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	236859	59.994	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	27568	66.202	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	127650	67.345	ug/l	100
94) Hexachlorobutadiene	15.506	225	61019	56.739	ug/l	99
95) Naphthalene	15.641	128	392590	70.079	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	125921	67.609	ug/l	99

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

