

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122922\
 Data File : VN076038.D
 Acq On : 29 Dec 2022 10:27
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 30 05:19:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	321208	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	500628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	454484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	233516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	168715	48.281	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.560%
35) Dibromofluoromethane	8.177	113	162695	52.477	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.960%
50) Toluene-d8	10.571	98	591381	51.017	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.853	95	207950	54.163	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	176853	77.544	ug/l	98
3) Chloromethane	2.371	50	158710	55.963	ug/l	100
4) Vinyl Chloride	2.530	62	193269	57.131	ug/l	100
5) Bromomethane	2.959	94	154691	53.805	ug/l	94
6) Chloroethane	3.124	64	131239	52.387	ug/l	97
7) Trichlorofluoromethane	3.506	101	288028	56.111	ug/l	92
8) Diethyl Ether	3.971	74	100198	53.442	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.383	101	169671	57.885	ug/l	98
10) Methyl Iodide	4.600	142	270388	56.840	ug/l	99
11) Tert butyl alcohol	5.530	59	107510	217.429	ug/l	100
12) 1,1-Dichloroethene	4.359	96	159939	56.181	ug/l	98
13) Acrolein	4.189	56	146770	242.118	ug/l	99
14) Allyl chloride	5.036	41	178419	53.613	ug/l	89
15) Acrylonitrile	5.730	53	324571	240.538	ug/l	99
16) Acetone	4.436	43	357038	296.395	ug/l	97
17) Carbon Disulfide	4.724	76	391764	56.837	ug/l	98
18) Methyl Acetate	5.036	43	175362	49.249	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	525109	56.013	ug/l	98
20) Methylene Chloride	5.289	84	173342	53.842	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	170332	54.633	ug/l	95
22) Diisopropyl ether	6.677	45	434550	53.752	ug/l	98
23) Vinyl Acetate	6.612	43	1451536	266.758	ug/l	100
24) 1,1-Dichloroethane	6.577	63	285973	53.040	ug/l	100
25) 2-Butanone	7.488	43	439204	260.398	ug/l	96
26) 2,2-Dichloropropane	7.500	77	261532	57.279	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	203487	54.572	ug/l	99
28) Bromochloromethane	7.818	49	103828	43.936	ug/l	98
29) Tetrahydrofuran	7.847	42	255457	241.684	ug/l	97
30) Chloroform	7.971	83	323047	53.216	ug/l	94
31) Cyclohexane	8.265	56	261503	52.252	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	294111	54.649	ug/l	99
36) 1,1-Dichloropropene	8.377	75	234539	56.948	ug/l	97
37) Ethyl Acetate	7.571	43	171736	51.913	ug/l	96
38) Carbon Tetrachloride	8.371	117	267600	58.054	ug/l	99
39) Methylcyclohexane	9.606	83	314031	63.203	ug/l	97
40) Benzene	8.612	78	704209	55.419	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	92592	53.847	ug/l	98
42) 1,2-Dichloroethane	8.677	62	228595	54.112	ug/l	99
43) Isopropyl Acetate	8.694	43	304424	55.786	ug/l	99
44) Trichloroethene	9.353	130	196541	54.903	ug/l	93
45) 1,2-Dichloropropane	9.624	63	165351	53.474	ug/l	100
46) Dibromomethane	9.712	93	123967	54.052	ug/l	97
47) Bromodichloromethane	9.894	83	250906	55.787	ug/l	97
48) Methyl methacrylate	9.682	41	137316	55.869	ug/l	97
49) 1,4-Dioxane	9.694	88	57831	957.098	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	852367	258.280	ug/l	100
52) Toluene	10.635	92	474819	57.375	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	261471	59.390	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	287928	59.565	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	179010	55.110	ug/l	98
56) Ethyl methacrylate	10.876	69	254108	58.896	ug/l	98
57) 1,3-Dichloropropane	11.165	76	289368	54.310	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	385103	280.346	ug/l	98
59) 2-Hexanone	11.200	43	653034	271.339	ug/l	100
60) Dibromochloromethane	11.359	129	202992	56.194	ug/l	98
61) 1,2-Dibromoethane	11.470	107	185918	56.559	ug/l	100
64) Tetrachloroethene	11.106	164	187207	58.537	ug/l	97
65) Chlorobenzene	11.894	112	508680	54.531	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	191202	55.339	ug/l	100
67) Ethyl Benzene	11.965	91	915480	58.149	ug/l	99
68) m/p-Xylenes	12.076	106	736498	118.193	ug/l	99
69) o-Xylene	12.400	106	362259	58.746	ug/l	98
70) Styrene	12.412	104	589451	60.118	ug/l	99
71) Bromoform	12.582	173	146090	58.107	ug/l #	99
73) Isopropylbenzene	12.700	105	943755	55.927	ug/l	100
74) N-amyl acetate	12.494	43	271211	54.784	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	246320	47.218	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	214811m	45.635	ug/l	
77) Bromobenzene	12.982	156	225839	52.882	ug/l	95
78) n-propylbenzene	13.035	91	1088752	58.497	ug/l	99
79) 2-Chlorotoluene	13.129	91	625887	53.871	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	797082	56.437	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	77259	59.079	ug/l	94
82) 4-Chlorotoluene	13.129	91	625887	53.871	ug/l	99
83) tert-Butylbenzene	13.441	119	734072	58.951	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	807329	57.621	ug/l	100
85) sec-Butylbenzene	13.617	105	1005902	58.526	ug/l	99
86) p-Isopropyltoluene	13.729	119	873229	61.060	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	433044	54.894	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	431368	53.527	ug/l	99
89) n-Butylbenzene	14.059	91	718735	62.036	ug/l	100
90) Hexachloroethane	14.335	117	147257	57.563	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	418301	53.833	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	43245	46.718	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	223760	58.166	ug/l	100
94) Hexachlorobutadiene	15.506	225	118113	56.276	ug/l	99
95) Naphthalene	15.647	128	627244	49.383	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	213209	59.298	ug/l	100

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

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