

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085247.D
 Acq On : 18 Dec 2024 12:44
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Dec 19 05:18:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 05:12:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	130848	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	230166	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	203234	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	42467	18.569	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	37.140%#
35) Dibromofluoromethane	8.165	113	30464	18.826	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	37.660%#
50) Toluene-d8	10.565	98	109520	18.517	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	37.040%#
62) 4-Bromofluorobenzene	12.847	95	39138	18.527	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	37.060%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	36793	17.651	ug/l	93
3) Chloromethane	2.359	50	36255	18.247	ug/l	99
4) Vinyl Chloride	2.507	62	35012	18.808	ug/l	95
5) Bromomethane	2.936	94	23319	19.095	ug/l	93
6) Chloroethane	3.118	64	22491	19.177	ug/l	95
7) Trichlorofluoromethane	3.495	101	56384	18.756	ug/l	100
8) Diethyl Ether	3.959	74	18535	19.630	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	30387	18.847	ug/l	98
10) Methyl Iodide	4.583	142	34886	18.977	ug/l	97
11) Tert butyl alcohol	5.518	59	31707	99.806	ug/l	98
12) 1,1-Dichloroethene	4.336	96	28796	19.281	ug/l	94
13) Acrolein	4.183	56	33238	90.851	ug/l	96
14) Allyl chloride	5.024	41	50227	19.374	ug/l	93
15) Acrylonitrile	5.712	53	82870	95.772	ug/l	97
16) Acetone	4.424	43	75866	96.102	ug/l	98
17) Carbon Disulfide	4.712	76	89817	17.623	ug/l	99
18) Methyl Acetate	5.024	43	42905	19.198	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	99531	19.444	ug/l	97
20) Methylene Chloride	5.271	84	33765	19.553	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	30715	18.654	ug/l	92
22) Diisopropyl ether	6.671	45	109701	19.882	ug/l	98
23) Vinyl Acetate	6.600	43	431157	101.127	ug/l	97
24) 1,1-Dichloroethane	6.559	63	62918	19.685	ug/l	96
25) 2-Butanone	7.483	43	117321	97.044	ug/l	98
26) 2,2-Dichloropropane	7.489	77	55260	18.671	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	35581	18.560	ug/l	95
28) Bromochloromethane	7.812	49	30562	18.960	ug/l	99
29) Tetrahydrofuran	7.836	42	77380	99.294	ug/l	99
30) Chloroform	7.965	83	63439	18.586	ug/l	97
31) Cyclohexane	8.253	56	54406	18.388	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	58796	19.327	ug/l	95
36) 1,1-Dichloropropene	8.371	75	44017	19.535	ug/l	98
37) Ethyl Acetate	7.553	43	48687	18.729	ug/l	98
38) Carbon Tetrachloride	8.359	117	50634	18.586	ug/l	96
39) Methylcyclohexane	9.600	83	44865	19.134	ug/l	94
40) Benzene	8.600	78	137494	19.615	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	26500	20.003	ug/l	94
42) 1,2-Dichloroethane	8.671	62	50473	18.903	ug/l	99
43) Isopropyl Acetate	8.688	43	85017	17.884	ug/l	99
44) Trichloroethene	9.347	130	29954	19.194	ug/l	95
45) 1,2-Dichloropropane	9.618	63	32728	18.857	ug/l	96
46) Dibromomethane	9.706	93	23677	19.110	ug/l	98
47) Bromodichloromethane	9.883	83	52414	19.745	ug/l	92
48) Methyl methacrylate	9.677	41	38703	19.861	ug/l	100
49) 1,4-Dioxane	9.694	88	12769	415.595	ug/l #	93
51) 4-Methyl-2-Pentanone	10.441	43	250961	100.473	ug/l	99
52) Toluene	10.630	92	79828	18.940	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	51490	19.900	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	52973	19.256	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	31277	19.818	ug/l	99
56) Ethyl methacrylate	10.871	69	48783	17.766	ug/l	96
57) 1,3-Dichloropropane	11.159	76	53527	19.270	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	107576	86.401	ug/l	99
59) 2-Hexanone	11.194	43	187121	105.094	ug/l	97
60) Dibromochloromethane	11.359	129	36581	19.557	ug/l	99
61) 1,2-Dibromoethane	11.465	107	30969	19.051	ug/l	99
64) Tetrachloroethene	11.100	164	25942	18.969	ug/l	96
65) Chlorobenzene	11.888	112	86945	19.032	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	31216	19.585	ug/l	98
67) Ethyl Benzene	11.965	91	153907	19.655	ug/l	99
68) m/p-Xylenes	12.071	106	118927	40.609	ug/l	99
69) o-Xylene	12.400	106	54751	19.890	ug/l	97
70) Styrene	12.412	104	94774	20.623	ug/l	98
71) Bromoform	12.576	173	24556	19.655	ug/l #	96
73) Isopropylbenzene	12.694	105	142250	20.160	ug/l	100
74) N-amyl acetate	12.494	43	71120	20.180	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	48258	19.195	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	63927	29.957	ug/l	49
77) Bromobenzene	12.982	156	34019	18.363	ug/l	97
78) n-propylbenzene	13.035	91	174396	20.153	ug/l	99
79) 2-Chlorotoluene	13.123	91	107177	19.507	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	121797	20.695	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	16783	19.113	ug/l	96
82) 4-Chlorotoluene	13.218	91	110140	19.810	ug/l	99
83) tert-Butylbenzene	13.435	119	97483	19.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	122033	20.285	ug/l	100
85) sec-Butylbenzene	13.618	105	142338	20.455	ug/l	100
86) p-Isopropyltoluene	13.729	119	116092	18.517	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	63937	18.740	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	64631	18.308	ug/l	99
89) n-Butylbenzene	14.053	91	100250	19.590	ug/l	98
90) Hexachloroethane	14.329	117	23775	18.599	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	62512	19.700	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	9658	20.032	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	29546	18.189	ug/l	96
94) Hexachlorobutadiene	15.500	225	15050	17.827	ug/l	97
95) Naphthalene	15.641	128	100101	18.609	ug/l	98
96) 1,2,3-Trichlorobenzene	15.841	180	29506	18.186	ug/l	98

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

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