

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030625\
 Data File : VN085896.D
 Acq On : 06 Mar 2025 14:17
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 07 00:36:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	165187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	252449	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	234188	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131269	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	101489	47.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.780%
35) Dibromofluoromethane	8.165	113	87396	52.906	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.820%
50) Toluene-d8	10.565	98	311474	51.825	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.640%
62) 4-Bromofluorobenzene	12.847	95	112982	57.056	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.124	85	95443	42.478	ug/l	99
3) Chloromethane	2.359	50	72756	32.269	ug/l	99
4) Vinyl Chloride	2.512	62	79344	33.237	ug/l	98
5) Bromomethane	2.942	94	51610	33.811	ug/l	98
6) Chloroethane	3.112	64	52776	33.376	ug/l	98
7) Trichlorofluoromethane	3.495	101	155650	45.034	ug/l	96
8) Diethyl Ether	3.959	74	49699	44.441	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.365	101	88693	44.394	ug/l	97
10) Methyl Iodide	4.583	142	109155	44.323	ug/l	96
11) Tert butyl alcohol	5.518	59	63952	242.794	ug/l	99
12) 1,1-Dichloroethene	4.336	96	77452	42.756	ug/l	95
13) Acrolein	4.177	56	72478	185.552	ug/l	99
14) Allyl chloride	5.024	41	86207	36.246	ug/l	95
15) Acrylonitrile	5.712	53	207192	241.963	ug/l	98
16) Acetone	4.424	43	147814	218.131	ug/l	88
17) Carbon Disulfide	4.706	76	187485	34.921	ug/l	100
18) Methyl Acetate	5.018	43	112222	48.148	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	278235	51.688	ug/l	95
20) Methylene Chloride	5.271	84	100339	46.044	ug/l	94
21) trans-1,2-Dichloroethene	5.777	96	84938	43.545	ug/l	89
22) Diisopropyl ether	6.671	45	238803	44.435	ug/l	98
23) Vinyl Acetate	6.600	43	755219	205.240	ug/l #	93
24) 1,1-Dichloroethane	6.565	63	161744	44.273	ug/l	97
25) 2-Butanone	7.483	43	226195	226.891	ug/l	92
26) 2,2-Dichloropropane	7.488	77	120075	36.962	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	105901	46.824	ug/l	94
28) Bromochloromethane	7.812	49	73178	48.735	ug/l	89
29) Tetrahydrofuran	7.835	42	155200	241.082	ug/l	91
30) Chloroform	7.965	83	185620	48.619	ug/l	94
31) Cyclohexane	8.259	56	108467	35.460	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	165665	48.786	ug/l	95
36) 1,1-Dichloropropene	8.365	75	113128	48.389	ug/l	98
37) Ethyl Acetate	7.553	43	92275	47.961	ug/l	96
38) Carbon Tetrachloride	8.359	117	152545	54.914	ug/l	96
39) Methylcyclohexane	9.600	83	101167	44.048	ug/l	99
40) Benzene	8.600	78	376162	50.201	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	52409	50.957	ug/l	91
42) 1,2-Dichloroethane	8.671	62	127157	52.099	ug/l	99
43) Isopropyl Acetate	8.688	43	152585	45.137	ug/l	92
44) Trichloroethene	9.347	130	88418	48.059	ug/l	93
45) 1,2-Dichloropropane	9.618	63	91001	50.313	ug/l	98
46) Dibromomethane	9.706	93	68630	53.794	ug/l	96
47) Bromodichloromethane	9.882	83	146495	53.671	ug/l	99
48) Methyl methacrylate	9.677	41	72619	50.824	ug/l	90
49) 1,4-Dioxane	9.688	88	35646	1311.908	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	507444	273.562	ug/l	95
52) Toluene	10.629	92	243078	55.341	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	133958	53.075	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	142400	51.452	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	97022	55.556	ug/l	97
56) Ethyl methacrylate	10.871	69	135138	53.377	ug/l	93
57) 1,3-Dichloropropane	11.159	76	159290	54.640	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	316091	301.854	ug/l	94
59) 2-Hexanone	11.194	43	365719	286.591	ug/l	93
60) Dibromochloromethane	11.359	129	123330	60.648	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95317	57.766	ug/l	99
64) Tetrachloroethene	11.100	164	88286	48.662	ug/l	94
65) Chlorobenzene	11.888	112	266154	49.610	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	107917	55.964	ug/l	96
67) Ethyl Benzene	11.965	91	446800	53.166	ug/l	100
68) m/p-Xylenes	12.070	106	366908	114.939	ug/l	100
69) o-Xylene	12.400	106	170753	56.291	ug/l	100
70) Styrene	12.412	104	303339	53.357	ug/l	99
71) Bromoform	12.576	173	88327	61.644	ug/l #	97
73) Isopropylbenzene	12.694	105	429114	47.715	ug/l	99
74) N-amyl acetate	12.494	43	133700	42.158	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	139250	44.997	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	117325m	40.236	ug/l	
77) Bromobenzene	12.976	156	116572	47.978	ug/l	97
78) n-propylbenzene	13.035	91	513474	49.855	ug/l	99
79) 2-Chlorotoluene	13.123	91	324552	47.164	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	385443	52.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	45025	45.053	ug/l	98
82) 4-Chlorotoluene	13.217	91	338860	49.672	ug/l	100
83) tert-Butylbenzene	13.435	119	306939	49.825	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	395738	54.600	ug/l	99
85) sec-Butylbenzene	13.617	105	430400	49.449	ug/l	99
86) p-Isopropyltoluene	13.729	119	369345	46.605	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	220008	48.331	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	218674	46.870	ug/l	99
89) n-Butylbenzene	14.053	91	292190	47.282	ug/l	96
90) Hexachloroethane	14.329	117	74553	45.227	ug/l	91
91) 1,2-Dichlorobenzene	14.106	146	213453	48.763	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27472	48.343	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	103593	49.665	ug/l	99
94) Hexachlorobutadiene	15.500	225	54451	42.954	ug/l	99
95) Naphthalene	15.641	128	288660	50.408	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	103310	49.335	ug/l	100

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

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