

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021125\
 Data File : VN085761.D
 Acq On : 11 Feb 2025 21:37
 Operator : JC\MD
 Sample : VSTDECC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDECC050EC

Quant Time: Feb 11 23:27:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	252004	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	431823	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	386049	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	194098	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	163306	40.145	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.300%
35) Dibromofluoromethane	8.165	113	136194	45.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.920%
50) Toluene-d8	10.565	98	485116	45.577	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.160%
62) 4-Bromofluorobenzene	12.847	95	174749	47.994	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.980%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	177754	52.096	ug/l	97
3) Chloromethane	2.359	50	175145	47.409	ug/l	99
4) Vinyl Chloride	2.512	62	182819	49.233	ug/l	98
5) Bromomethane	2.953	94	106060	47.285	ug/l	91
6) Chloroethane	3.118	64	112097	47.616	ug/l	95
7) Trichlorofluoromethane	3.500	101	260438	48.337	ug/l	100
8) Diethyl Ether	3.959	74	85824	46.109	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	147554	48.622	ug/l	98
10) Methyl Iodide	4.589	142	187399	53.924	ug/l	97
11) Tert butyl alcohol	5.506	59	120636	258.988	ug/l	100
12) 1,1-Dichloroethene	4.342	96	137837	50.964	ug/l	91
13) Acrolein	4.177	56	144273	226.896	ug/l	99
14) Allyl chloride	5.018	41	181185	41.285	ug/l	92
15) Acrylonitrile	5.718	53	370474	250.401	ug/l	99
16) Acetone	4.424	43	293585	223.367	ug/l	96
17) Carbon Disulfide	4.712	76	399427	47.966	ug/l	99
18) Methyl Acetate	5.018	43	185142	46.323	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	444587	50.625	ug/l	97
20) Methylene Chloride	5.277	84	158307	48.653	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	146375	50.641	ug/l	97
22) Diisopropyl ether	6.665	45	452978	46.502	ug/l	97
23) Vinyl Acetate	6.600	43	1640125	240.592	ug/l	97
24) 1,1-Dichloroethane	6.565	63	282342	47.535	ug/l	100
25) 2-Butanone	7.477	43	466257	241.059	ug/l	94
26) 2,2-Dichloropropane	7.488	77	229243	47.738	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	174361	51.216	ug/l	93
28) Bromochloromethane	7.812	49	120679	43.671	ug/l	87
29) Tetrahydrofuran	7.835	42	310477	253.184	ug/l	92
30) Chloroform	7.959	83	288695	47.028	ug/l	97
31) Cyclohexane	8.253	56	225022	43.587	ug/l	94
32) 1,1,1-Trichloroethane	8.165	97	256720	47.675	ug/l	95
36) 1,1-Dichloropropene	8.365	75	200974	47.800	ug/l	98
37) Ethyl Acetate	7.553	43	189389	44.626	ug/l #	95
38) Carbon Tetrachloride	8.359	117	231033	47.997	ug/l	96
39) Methylcyclohexane	9.600	83	200192	50.669	ug/l	96
40) Benzene	8.600	78	631844	50.014	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	100331	45.441	ug/l	93
42) 1,2-Dichloroethane	8.665	62	214006	44.978	ug/l	98
43) Isopropyl Acetate	8.682	43	332246	48.859	ug/l	99
44) Trichloroethene	9.347	130	142313	48.394	ug/l	99
45) 1,2-Dichloropropane	9.618	63	154540	47.891	ug/l	100
46) Dibromomethane	9.706	93	109080	46.848	ug/l	95
47) Bromodichloromethane	9.882	83	229484	48.377	ug/l	100
48) Methyl methacrylate	9.676	41	145692	47.608	ug/l	90
49) 1,4-Dioxane	9.694	88	54567	1058.860	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	970214	245.871	ug/l	94
52) Toluene	10.629	92	392757	53.656	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	225819	50.374	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	241875	50.512	ug/l #	89
55) 1,1,2-Trichloroethane	11.012	97	149104	51.471	ug/l	97
56) Ethyl methacrylate	10.871	69	227394	46.730	ug/l #	90
57) 1,3-Dichloropropane	11.159	76	257776	51.176	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.153	63	554617	301.697	ug/l	98
59) 2-Hexanone	11.194	43	714025	257.162	ug/l	91
60) Dibromochloromethane	11.353	129	175096	50.066	ug/l	98
61) 1,2-Dibromoethane	11.465	107	147003	50.980	ug/l	99
64) Tetrachloroethene	11.100	164	125156	47.555	ug/l	98
65) Chlorobenzene	11.888	112	418779	49.518	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	151712	48.878	ug/l	99
67) Ethyl Benzene	11.959	91	729587	52.967	ug/l	97
68) m/p-Xylenes	12.070	106	571502	112.263	ug/l	96
69) o-Xylene	12.394	106	267310	54.945	ug/l	98
70) Styrene	12.406	104	464481	57.688	ug/l	98
71) Bromoform	12.576	173	118682	53.439	ug/l #	99
73) Isopropylbenzene	12.694	105	671832	51.285	ug/l	100
74) N-amyl acetate	12.488	43	273307	46.416	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.935	83	217658	47.036	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	198744m	50.378	ug/l	
77) Bromobenzene	12.976	156	167385	48.907	ug/l	98
78) n-propylbenzene	13.035	91	793243	51.150	ug/l	99
79) 2-Chlorotoluene	13.123	91	497348	49.552	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	569500	52.631	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	73344	50.300	ug/l #	81
82) 4-Chlorotoluene	13.217	91	505777	50.610	ug/l	98
83) tert-Butylbenzene	13.435	119	460682	50.697	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	580310	53.809	ug/l	100
85) sec-Butylbenzene	13.611	105	650563	51.656	ug/l	99
86) p-Isopropyltoluene	13.723	119	541941	48.021	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	308085	48.879	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	305324	46.734	ug/l	98
89) n-Butylbenzene	14.053	91	439930	48.691	ug/l	98
90) Hexachloroethane	14.329	117	106984	44.622	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	297853	47.375	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40326	47.723	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	134875	46.157	ug/l	99
94) Hexachlorobutadiene	15.494	225	65868	42.458	ug/l	98
95) Naphthalene	15.635	128	421709	48.363	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	135383	45.789	ug/l	99

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

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