

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085733.D
 Acq On : 10 Feb 2025 18:59
 Operator : JC\MD
 Sample : VN0210WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0210WBSD01

Quant Time: Feb 11 03:28:19 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

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/11/2025
 Supervised By : Mahesh Dadoda 02/11/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	231142	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	403589	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	358601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	166903	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186071	49.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.740%		
35) Dibromofluoromethane	8.165	113	152408	54.433	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	108.860%		
50) Toluene-d8	10.565	98	543357	54.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	109.240%		
62) 4-Bromofluorobenzene	12.847	95	195707	57.511	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	115.020%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	69902	22.336	ug/l	98
3) Chloromethane	2.359	50	69207	20.424	ug/l	98
4) Vinyl Chloride	2.512	62	73505	21.582	ug/l	97
5) Bromomethane	2.954	94	42642	20.727	ug/l	93
6) Chloroethane	3.118	64	45644	21.138	ug/l	94
7) Trichlorofluoromethane	3.501	101	101829	20.605	ug/l	96
8) Diethyl Ether	3.959	74	34304	20.093	ug/l	88
9) 1,1,2-Trichlorotrifluo...	4.365	101	57836	20.778	ug/l	98
10) Methyl Iodide	4.589	142	74089	23.243	ug/l	93
11) Tert butyl alcohol	5.518	59	48502	113.525	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54189	21.844	ug/l	92
13) Acrolein	4.177	56	55543	95.236	ug/l	96
14) Allyl chloride	5.018	41	70783	17.584	ug/l	95
15) Acrylonitrile	5.718	53	136377	100.496	ug/l	99
16) Acetone	4.424	43	110809	91.915	ug/l	96
17) Carbon Disulfide	4.712	76	153388	20.082	ug/l	99
18) Methyl Acetate	5.024	43	70306	19.179	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	171132	21.245	ug/l	97
20) Methylene Chloride	5.271	84	62100	20.808	ug/l	89
21) trans-1,2-Dichloroethene	5.789	96	56508	21.315	ug/l	97
22) Diisopropyl ether	6.671	45	171243	19.166	ug/l	97
23) Vinyl Acetate	6.600	43	604661m	96.704	ug/l	
24) 1,1-Dichloroethane	6.571	63	108507	19.917	ug/l	98
25) 2-Butanone	7.483	43	168816	95.157	ug/l #	89
26) 2,2-Dichloropropane	7.489	77	93490	21.226	ug/l	97
27) cis-1,2-Dichloroethene	7.483	96	65572	20.999	ug/l	93
28) Bromochloromethane	7.812	49	56710	22.375	ug/l	86
29) Tetrahydrofuran	7.836	42	114064	101.411	ug/l	91
30) Chloroform	7.965	83	112224	19.931	ug/l	98
31) Cyclohexane	8.253	56	86612	18.291	ug/l	92
32) 1,1,1-Trichloroethane	8.165	97	102075	20.667	ug/l	95
36) 1,1-Dichloropropene	8.371	75	77259	19.661	ug/l	99
37) Ethyl Acetate	7.559	43	72999	18.404	ug/l	98
38) Carbon Tetrachloride	8.359	117	91209	20.274	ug/l	99
39) Methylcyclohexane	9.600	83	74319	20.126	ug/l	95
40) Benzene	8.606	78	248602	21.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	39995	19.381	ug/l	97
42) 1,2-Dichloroethane	8.671	62	86733	19.504	ug/l	99
43) Isopropyl Acetate	8.688	43	130144	20.477	ug/l	99
44) Trichloroethene	9.347	130	57172	20.802	ug/l	92
45) 1,2-Dichloropropane	9.618	63	59156	19.615	ug/l	97
46) Dibromomethane	9.706	93	43727	20.094	ug/l	95
47) Bromodichloromethane	9.882	83	89840	20.264	ug/l	99
48) Methyl methacrylate	9.677	41	55422	19.377	ug/l	92
49) 1,4-Dioxane	9.694	88	22461	466.342	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	364061	98.714	ug/l	95
52) Toluene	10.629	92	150953	22.065	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	86648	20.681	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	94546	21.126	ug/l	92
55) 1,1,2-Trichloroethane	11.012	97	57705	21.313	ug/l	98
56) Ethyl methacrylate	10.871	69	83395	19.510	ug/l	91
57) 1,3-Dichloropropane	11.159	76	97185	20.644	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	181891	105.866	ug/l	97
59) 2-Hexanone	11.194	43	262185	101.034	ug/l	93
60) Dibromochloromethane	11.359	129	69068	21.130	ug/l	99
61) 1,2-Dibromoethane	11.465	107	57030	21.161	ug/l	100
64) Tetrachloroethene	11.100	164	52118	21.319	ug/l	95
65) Chlorobenzene	11.888	112	163378	20.797	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.959	131	60097	20.844	ug/l	98
67) Ethyl Benzene	11.959	91	278845	21.793	ug/l	100
68) m/p-Xylenes	12.071	106	214296	45.317	ug/l	97
69) o-Xylene	12.394	106	103912	22.994	ug/l	97
70) Styrene	12.406	104	170141	22.749	ug/l	98
71) Bromoform	12.576	173	45609	22.108	ug/l #	98
73) Isopropylbenzene	12.694	105	258819	22.976	ug/l	98
74) N-amyl acetate	12.494	43	100274	19.805	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	82681	20.779	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	64639m	19.054	ug/l	
77) Bromobenzene	12.976	156	63556	21.596	ug/l	94
78) n-propylbenzene	13.035	91	294746	22.103	ug/l	98
79) 2-Chlorotoluene	13.123	91	187503	21.725	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	209301	22.494	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	26603	21.217	ug/l	86
82) 4-Chlorotoluene	13.218	91	184197	21.435	ug/l	97
83) tert-Butylbenzene	13.435	119	179417	22.962	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	215295	23.216	ug/l	99
85) sec-Butylbenzene	13.612	105	250416	23.123	ug/l	99
86) p-Isopropyltoluene	13.723	119	210787	23.155	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	116748	21.541	ug/l	97
88) 1,4-Dichlorobenzene	13.812	146	112036	19.943	ug/l	99
89) n-Butylbenzene	14.053	91	177324	22.824	ug/l	96
90) Hexachloroethane	14.329	117	39638	19.226	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	113871	21.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	15149	20.849	ug/l	84
93) 1,2,4-Trichlorobenzene	15.388	180	54735	21.784	ug/l	98
94) Hexachlorobutadiene	15.500	225	25144	18.849	ug/l	94
95) Naphthalene	15.635	128	185618	24.756	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	53261	20.949	ug/l	97

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

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