

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085786.D
 Acq On : 19 Feb 2025 13:22
 Operator : JC\MD
 Sample : VN0219WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0219WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/20/2025
 Supervised By : Mahesh Dadoda 02/20/2025

Quant Time: Feb 20 00:47:10 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	291949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	482343	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	419097	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	199880	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	209994	55.480	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.960%			
35) Dibromofluoromethane	8.159	113	172581	54.680	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.360%			
50) Toluene-d8	10.559	98	633017	55.125	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 110.260%			
62) 4-Bromofluorobenzene	12.847	95	214234	56.623	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 113.240%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	68335	17.208	ug/l	99
3) Chloromethane	2.359	50	65887	16.535	ug/l	97
4) Vinyl Chloride	2.518	62	70955	16.817	ug/l	95
5) Bromomethane	2.965	94	46166	17.113	ug/l	92
6) Chloroethane	3.124	64	45233	16.186	ug/l	98
7) Trichlorofluoromethane	3.506	101	102093	16.713	ug/l	98
8) Diethyl Ether	3.959	74	36195	18.313	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	60484	17.129	ug/l	99
10) Methyl Iodide	4.589	142	76448	17.564	ug/l	99
11) Tert butyl alcohol	5.512	59	41697	89.569	ug/l	99
12) 1,1-Dichloroethene	4.342	96	54998	17.178	ug/l	97
13) Acrolein	4.177	56	65423	94.768	ug/l	99
14) Allyl chloride	5.024	41	72622	17.277	ug/l	97
15) Acrylonitrile	5.712	53	136306	90.066	ug/l	99
16) Acetone	4.418	43	108199	90.343	ug/l	98
17) Carbon Disulfide	4.712	76	151093	15.924	ug/l	99
18) Methyl Acetate	5.018	43	74381	18.057	ug/l	96
19) Methyl tert-butyl Ether	5.794	73	182911	19.226	ug/l	100
20) Methylene Chloride	5.271	84	66321	17.220	ug/l	99
21) trans-1,2-Dichloroethene	5.783	96	58286	16.907	ug/l	95
22) Diisopropyl ether	6.665	45	182697	19.235	ug/l	99
23) Vinyl Acetate	6.600	43	582508m	89.569	ug/l	
24) 1,1-Dichloroethane	6.565	63	111812	17.317	ug/l	100
25) 2-Butanone	7.477	43	161082	91.422	ug/l	97
26) 2,2-Dichloropropane	7.483	77	98544	17.164	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	70342	17.598	ug/l	99
28) Bromochloromethane	7.812	49	49350	18.596	ug/l	99
29) Tetrahydrofuran	7.835	42	107184	94.205	ug/l	100
30) Chloroform	7.959	83	117979	17.485	ug/l	96
31) Cyclohexane	8.253	56	88578	16.385	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	103361	17.222	ug/l	97
36) 1,1-Dichloropropene	8.365	75	77917	17.443	ug/l	99
37) Ethyl Acetate	7.553	43	69804	18.989	ug/l	97
38) Carbon Tetrachloride	8.359	117	90380	17.028	ug/l	94
39) Methylcyclohexane	9.594	83	75943	17.306	ug/l	95
40) Benzene	8.600	78	254524	17.778	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	38602	19.644	ug/l	99
42) 1,2-Dichloroethane	8.665	62	85033	18.234	ug/l	99
43) Isopropyl Acetate	8.682	43	119146	18.120	ug/l	100
44) Trichloroethene	9.347	130	58797	16.727	ug/l	98
45) 1,2-Dichloropropane	9.618	63	62628	18.123	ug/l	99
46) Dibromomethane	9.706	93	44217	18.140	ug/l	99
47) Bromodichloromethane	9.882	83	93945	18.014	ug/l	99
48) Methyl methacrylate	9.677	41	51605	18.903	ug/l	99
49) 1,4-Dioxane	9.688	88	19373	373.170	ug/l	95
51) 4-Methyl-2-Pentanone	10.441	43	341162	96.260	ug/l	100
52) Toluene	10.624	92	157605	18.780	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	90168	18.698	ug/l	97
54) cis-1,3-Dichloropropene	10.306	75	99549	18.825	ug/l	99
55) 1,1,2-Trichloroethane	11.012	97	59722	17.898	ug/l	97
56) Ethyl methacrylate	10.871	69	82232	18.745	ug/l	98
57) 1,3-Dichloropropane	11.159	76	101726	18.263	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	205579	127.372	ug/l	100
59) 2-Hexanone	11.188	43	237858	97.555	ug/l	99
60) Dibromochloromethane	11.353	129	73246	18.852	ug/l	99
61) 1,2-Dibromoethane	11.465	107	58358	18.511	ug/l	98
64) Tetrachloroethene	11.100	164	56894	17.523	ug/l	98
65) Chlorobenzene	11.888	112	167918	17.490	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.953	131	61128	17.714	ug/l	99
67) Ethyl Benzene	11.959	91	269597	17.926	ug/l	97
68) m/p-Xylenes	12.065	106	214661	37.576	ug/l	99
69) o-Xylene	12.394	106	100658	18.543	ug/l	100
70) Styrene	12.406	104	168188	18.098	ug/l	98
71) Bromoform	12.576	173	47351	18.466	ug/l #	96
73) Isopropylbenzene	12.694	105	248434	18.142	ug/l	99
74) N-amyl acetate	12.488	43	88150	18.254	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	82814	17.575	ug/l	98
76) 1,2,3-Trichloropropane	12.988	75	82494m	18.580	ug/l	
77) Bromobenzene	12.976	156	65513	17.708	ug/l	95
78) n-propylbenzene	13.029	91	292124	18.627	ug/l	100
79) 2-Chlorotoluene	13.123	91	186830	17.830	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	212280	19.030	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.729	75	27548	18.103	ug/l	95
82) 4-Chlorotoluene	13.217	91	187674	18.067	ug/l	99
83) tert-Butylbenzene	13.435	119	172030	18.340	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	210395	19.064	ug/l	99
85) sec-Butylbenzene	13.612	105	245503	18.524	ug/l	100
86) p-Isopropyltoluene	13.723	119	202304	17.957	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	120286	17.354	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	121293	17.073	ug/l	100
89) n-Butylbenzene	14.053	91	162853	17.307	ug/l	98
90) Hexachloroethane	14.329	117	41839	16.669	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	113836	17.079	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	14204	16.415	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	52980	16.681	ug/l	98
94) Hexachlorobutadiene	15.494	225	30731	15.921	ug/l	97
95) Naphthalene	15.635	128	144340	16.554	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	53127	16.662	ug/l	99

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

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