

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022425\
 Data File : VN085845.D
 Acq On : 24 Feb 2025 18:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2025
 Supervised By : Mahesh Dadoda 02/25/2025

Quant Time: Feb 25 01:59:02 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	265819	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	445010	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	402650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	207525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	161574	46.884	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.760%		
35) Dibromofluoromethane	8.165	113	139001	47.735	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.460%		
50) Toluene-d8	10.565	98	518945	48.982	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.960%		
62) 4-Bromofluorobenzene	12.847	95	181038	51.864	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.720%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	161852	44.764	ug/l	99
3) Chloromethane	2.359	50	158102	43.576	ug/l	97
4) Vinyl Chloride	2.512	62	172270	44.844	ug/l	97
5) Bromomethane	2.948	94	102558	41.752	ug/l	90
6) Chloroethane	3.112	64	111162	43.687	ug/l	95
7) Trichlorofluoromethane	3.495	101	251973	45.304	ug/l	97
8) Diethyl Ether	3.959	74	85765	47.658	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	149217	46.413	ug/l	99
10) Methyl Iodide	4.589	142	183873	46.398	ug/l	98
11) Tert butyl alcohol	5.518	59	113801	268.484	ug/l	99
12) 1,1-Dichloroethene	4.342	96	133803	45.900	ug/l	96
13) Acrolein	4.177	56	168600	268.230	ug/l	98
14) Allyl chloride	5.024	41	175085	45.747	ug/l	99
15) Acrylonitrile	5.718	53	371087	269.304	ug/l	99
16) Acetone	4.430	43	275033	252.218	ug/l	97
17) Carbon Disulfide	4.712	76	357688	41.402	ug/l	100
18) Methyl Acetate	5.024	43	197420	52.636	ug/l	99
19) Methyl tert-butyl Ether	5.795	73	441960	51.021	ug/l	98
20) Methylene Chloride	5.277	84	159408	45.457	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	142991	45.555	ug/l	95
22) Diisopropyl ether	6.671	45	447281	51.720	ug/l	97
23) Vinyl Acetate	6.600	43	1522753	257.162	ug/l	99
24) 1,1-Dichloroethane	6.565	63	278783	47.421	ug/l	98
25) 2-Butanone	7.483	43	438983	273.635	ug/l	99
26) 2,2-Dichloropropane	7.489	77	228375	43.686	ug/l	98
27) cis-1,2-Dichloroethene	7.489	96	173640	47.710	ug/l	99
28) Bromochloromethane	7.812	49	116325	48.142	ug/l	99
29) Tetrahydrofuran	7.836	42	300993	290.549	ug/l	99
30) Chloroform	7.965	83	288604	46.976	ug/l	95
31) Cyclohexane	8.253	56	211977	43.065	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	253492	46.389	ug/l	99
36) 1,1-Dichloropropene	8.371	75	194641	47.229	ug/l	99
37) Ethyl Acetate	7.559	43	184606	54.432	ug/l	98
38) Carbon Tetrachloride	8.359	117	228995	46.764	ug/l	95
39) Methylcyclohexane	9.600	83	190250	46.991	ug/l	96
40) Benzene	8.606	78	635254	48.094	ug/l	97

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41) Methacrylonitrile	7.777	41	95712	52.792	ug/l	97
42) 1,2-Dichloroethane	8.671	62	201234	46.772	ug/l	99
43) Isopropyl Acetate	8.688	43	339309	57.085	ug/l	95
44) Trichloroethene	9.353	130	144932	44.689	ug/l	93
45) 1,2-Dichloropropane	9.618	63	158101	49.588	ug/l	96
46) Dibromomethane	9.706	93	111010	49.361	ug/l	99
47) Bromodichloromethane	9.888	83	232828	48.390	ug/l	99
48) Methyl methacrylate	9.677	41	134829	53.531	ug/l	97
49) 1,4-Dioxane	9.694	88	58768	1226.979	ug/l #	98
51) 4-Methyl-2-Pentanone	10.441	43	941313	287.877	ug/l	100
52) Toluene	10.630	92	386518	49.920	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	225229	50.623	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	241548	49.510	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	152468	49.527	ug/l	100
56) Ethyl methacrylate	10.871	69	225146	50.770	ug/l	99
57) 1,3-Dichloropropane	11.159	76	258482	50.298	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	531154	291.642	ug/l	99
59) 2-Hexanone	11.194	43	681299	302.870	ug/l	99
60) Dibromochloromethane	11.359	129	182820	51.000	ug/l	99
61) 1,2-Dibromoethane	11.465	107	148468	51.044	ug/l	99
64) Tetrachloroethene	11.100	164	130351	41.788	ug/l	97
65) Chlorobenzene	11.888	112	420254	45.560	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	157098	47.384	ug/l	99
67) Ethyl Benzene	11.959	91	719183	49.774	ug/l	100
68) m/p-Xylenes	12.071	106	566688	103.250	ug/l	100
69) o-Xylene	12.394	106	267006	51.195	ug/l	99
70) Styrene	12.412	104	465140	48.119	ug/l	99
71) Bromoform	12.576	173	124614	50.582	ug/l #	97
73) Isopropylbenzene	12.694	105	666889	46.906	ug/l	100
74) N-amyl acetate	12.494	43	253716	50.605	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.935	83	222208	45.419	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	180144m	39.078	ug/l	
77) Bromobenzene	12.976	156	172869	45.005	ug/l	97
78) n-propylbenzene	13.035	91	793326	48.723	ug/l	100
79) 2-Chlorotoluene	13.123	91	496812	45.667	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	570631	49.271	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	84656	53.582	ug/l	89
82) 4-Chlorotoluene	13.218	91	503974	46.729	ug/l	99
83) tert-Butylbenzene	13.435	119	460384	47.272	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	582799	50.863	ug/l	100
85) sec-Butylbenzene	13.612	105	650428	47.269	ug/l	100
86) p-Isopropyltoluene	13.729	119	548570	44.003	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	315898	43.896	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	310834	42.142	ug/l	99
89) n-Butylbenzene	14.053	91	436122	44.641	ug/l	98
90) Hexachloroethane	14.329	117	111202	42.671	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	310307	44.840	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	40292	44.849	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	142389	43.180	ug/l	99
94) Hexachlorobutadiene	15.500	225	73542	36.696	ug/l	98
95) Naphthalene	15.641	128	431367	47.649	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	139399	42.108	ug/l	98

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

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