

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123124\
 Data File : VN085360.D
 Acq On : 31 Dec 2024 09:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 01 02:00:32 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/02/2025
 Supervised By : Mahesh Dadoda 01/02/2025

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	159569	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	272167	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247108	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118778	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121368	53.327	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.660%
35) Dibromofluoromethane	8.165	113	93182	54.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.760%
50) Toluene-d8	10.565	98	338789	54.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	108.740%
62) 4-Bromofluorobenzene	12.847	95	115559	55.846	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	111.700%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119808	55.516	ug/l	95
3) Chloromethane	2.359	50	117112	48.284	ug/l	97
4) Vinyl Chloride	2.512	62	122678	47.825	ug/l	96
5) Bromomethane	2.948	94	73142	43.598	ug/l	93
6) Chloroethane	3.118	64	77255	47.490	ug/l	98
7) Trichlorofluoromethane	3.495	101	168843	50.072	ug/l	99
8) Diethyl Ether	3.959	74	58782	52.648	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	100237	52.242	ug/l	99
10) Methyl Iodide	4.589	142	112990	50.888	ug/l	96
11) Tert butyl alcohol	5.518	59	75944	266.479	ug/l	99
12) 1,1-Dichloroethene	4.342	96	89382	50.407	ug/l	95
13) Acrolein	4.177	56	121882	274.311	ug/l	99
14) Allyl chloride	5.024	41	138601	48.838	ug/l	99
15) Acrylonitrile	5.718	53	262501	292.652	ug/l	99
16) Acetone	4.424	43	213805	285.690	ug/l	95
17) Carbon Disulfide	4.712	76	255243	47.316	ug/l	97
18) Methyl Acetate	5.024	43	131438	57.366	ug/l	99
19) Methyl tert-butyl Ether	5.789	73	308412	53.511	ug/l	96
20) Methylene Chloride	5.277	84	106914	53.113	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	95206	51.398	ug/l	98
22) Diisopropyl ether	6.665	45	343229	56.124	ug/l	97
23) Vinyl Acetate	6.600	43	1273392	287.828	ug/l	99
24) 1,1-Dichloroethane	6.559	63	196756	53.409	ug/l	100
25) 2-Butanone	7.477	43	345653	297.711	ug/l	96
26) 2,2-Dichloropropane	7.483	77	169691	52.576	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	114014	52.442	ug/l	94
28) Bromochloromethane	7.806	49	97118	56.728	ug/l #	99
29) Tetrahydrofuran	7.835	42	230979	308.845	ug/l	97
30) Chloroform	7.965	83	201217	53.390	ug/l	97
31) Cyclohexane	8.253	56	160831	47.810	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172531	51.259	ug/l	97
36) 1,1-Dichloropropene	8.371	75	137613	55.355	ug/l	98
37) Ethyl Acetate	7.559	43	144730	58.572	ug/l	99
38) Carbon Tetrachloride	8.359	117	151659	55.967	ug/l	99
39) Methylcyclohexane	9.600	83	143576	55.663	ug/l	96
40) Benzene	8.600	78	425613	56.625	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	78428	61.974	ug/l	98
42) 1,2-Dichloroethane	8.665	62	151183	56.101	ug/l	100
43) Isopropyl Acetate	8.682	43	243616	59.876	ug/l	98
44) Trichloroethene	9.347	130	92047	51.726	ug/l	96
45) 1,2-Dichloropropane	9.618	63	109357	57.313	ug/l	99
46) Dibromomethane	9.706	93	75071	56.572	ug/l	99
47) Bromodichloromethane	9.882	83	159469	57.819	ug/l	98
48) Methyl methacrylate	9.677	41	111570	63.196	ug/l	99
49) 1,4-Dioxane	9.688	88	35304	1325.367	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	738313	322.904	ug/l	99
52) Toluene	10.629	92	255181	57.018	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	158001	58.252	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	168065	57.302	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	97685	57.811	ug/l	96
56) Ethyl methacrylate	10.871	69	157036	63.812	ug/l	98
57) 1,3-Dichloropropane	11.159	76	176145	59.395	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	355910	298.925	ug/l	98
59) 2-Hexanone	11.194	43	532083	335.410	ug/l	100
60) Dibromochloromethane	11.359	129	114481	60.152	ug/l	99
61) 1,2-Dibromoethane	11.465	107	95994	57.423	ug/l	100
64) Tetrachloroethene	11.100	164	82761	52.856	ug/l	96
65) Chlorobenzene	11.888	112	280046	52.443	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	100410	56.026	ug/l	97
67) Ethyl Benzene	11.959	91	494224	55.652	ug/l	99
68) m/p-Xylenes	12.070	106	377854	116.265	ug/l	99
69) o-Xylene	12.394	106	175371	55.782	ug/l	95
70) Styrene	12.412	104	305082	59.875	ug/l	99
71) Bromoform	12.576	173	74324	59.875	ug/l #	98
73) Isopropylbenzene	12.694	105	452195	52.942	ug/l	99
74) N-amyl acetate	12.494	43	214454	58.657	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	144989	53.298	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	115781m	52.200	ug/l	
77) Bromobenzene	12.976	156	108539	51.290	ug/l	100
78) n-propylbenzene	13.035	91	560196	56.265	ug/l	99
79) 2-Chlorotoluene	13.123	91	329707	52.617	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	382552	55.371	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	50576m	54.607	ug/l	
82) 4-Chlorotoluene	13.217	91	337290	53.446	ug/l	99
83) tert-Butylbenzene	13.435	119	310495	51.881	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	386905	56.241	ug/l	98
85) sec-Butylbenzene	13.612	105	454482	54.709	ug/l	99
86) p-Isopropyltoluene	13.729	119	380261	51.093	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	199019	51.878	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	195531	49.619	ug/l	98
89) n-Butylbenzene	14.053	91	332466	54.654	ug/l	99
90) Hexachloroethane	14.329	117	75573	55.500	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	189431	51.836	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27005	55.778	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	92326	50.621	ug/l	99
94) Hexachlorobutadiene	15.500	225	42005	46.353	ug/l	96
95) Naphthalene	15.641	128	295721	47.815	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	91939	50.451	ug/l	99

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

