

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085648.D
 Acq On : 04 Feb 2025 13:38
 Operator : JC\MD
 Sample : VN0204WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0204WBS01

Quant Time: Feb 05 01:03:12 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 02/05/2025
 Supervised By :Mahesh Dadoda 02/06/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	239621	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	414153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	363524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	172133	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	194989	50.411	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.820%			
35) Dibromofluoromethane	8.165	113	159522	55.521	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.040%			
50) Toluene-d8	10.565	98	587536	57.554	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 115.100%#			
62) 4-Bromofluorobenzene	12.847	95	193075	55.290	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.580%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62755	19.343	ug/l	97
3) Chloromethane	2.359	50	57638	16.408	ug/l	97
4) Vinyl Chloride	2.512	62	71117	20.142	ug/l	97
5) Bromomethane	2.953	94	44235	20.740	ug/l	97
6) Chloroethane	3.118	64	39192	17.508	ug/l	94
7) Trichlorofluoromethane	3.494	101	83150	16.230	ug/l	100
8) Diethyl Ether	3.959	74	27203	15.370	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.371	101	51211	17.747	ug/l	97
10) Methyl Iodide	4.589	142	60126	18.195	ug/l	94
11) Tert butyl alcohol	5.518	59	37579	84.846	ug/l	100
12) 1,1-Dichloroethene	4.341	96	44803	17.422	ug/l	92
13) Acrolein	4.177	56	25185	41.655	ug/l	99
14) Allyl chloride	5.024	41	57757	13.841	ug/l	95
15) Acrylonitrile	5.712	53	114792	81.597	ug/l	98
16) Acetone	4.424	43	90944	72.768	ug/l	98
17) Carbon Disulfide	4.712	76	139976	17.678	ug/l	100
18) Methyl Acetate	5.018	43	56243	14.799	ug/l	92
19) Methyl tert-butyl Ether	5.788	73	135712	16.252	ug/l	95
20) Methylene Chloride	5.277	84	52343	16.918	ug/l	91
21) trans-1,2-Dichloroethene	5.783	96	47275	17.201	ug/l	91
22) Diisopropyl ether	6.665	45	138424	14.945	ug/l	97
23) Vinyl Acetate	6.600	43	493556	76.142	ug/l	97
24) 1,1-Dichloroethane	6.571	63	90059	15.946	ug/l	98
25) 2-Butanone	7.482	43	142513	77.488	ug/l	94
26) 2,2-Dichloropropane	7.488	77	80348	17.596	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	56158	17.348	ug/l	94
28) Bromochloromethane	7.812	49	48103	18.307	ug/l	85
29) Tetrahydrofuran	7.835	42	92543	79.366	ug/l	90
30) Chloroform	7.959	83	94942	16.265	ug/l	97
31) Cyclohexane	8.253	56	75871	15.456	ug/l	88
32) 1,1,1-Trichloroethane	8.165	97	84192	16.443	ug/l	95
36) 1,1-Dichloropropene	8.371	75	66806	16.567	ug/l	98
37) Ethyl Acetate	7.559	43	57674	14.170	ug/l #	95
38) Carbon Tetrachloride	8.359	117	75019	16.250	ug/l	97
39) Methylcyclohexane	9.600	83	64863	17.117	ug/l	98
40) Benzene	8.606	78	210366	17.362	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30002	14.168	ug/l	92
42) 1,2-Dichloroethane	8.671	62	69180	15.160	ug/l	97
43) Isopropyl Acetate	8.688	43	106280	16.296	ug/l	99
44) Trichloroethene	9.347	130	47844	16.964	ug/l	99
45) 1,2-Dichloropropane	9.618	63	48607	15.706	ug/l	96
46) Dibromomethane	9.706	93	36282	16.247	ug/l	96
47) Bromodichloromethane	9.888	83	74675	16.414	ug/l	96
48) Methyl methacrylate	9.682	41	42964	14.638	ug/l	88
49) 1,4-Dioxane	9.694	88	16598	335.822	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	302031	79.806	ug/l	94
52) Toluene	10.629	92	127757	18.198	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	72098	16.769	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	78886	17.177	ug/l #	89
55) 1,1,2-Trichloroethane	11.012	97	49739	17.903	ug/l	98
56) Ethyl methacrylate	10.870	69	67241	15.743	ug/l	92
57) 1,3-Dichloropropane	11.159	76	81196	16.807	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	127513	72.323	ug/l	97
59) 2-Hexanone	11.194	43	217881	81.820	ug/l	94
60) Dibromochloromethane	11.359	129	55739	16.618	ug/l	97
61) 1,2-Dibromoethane	11.470	107	47895	17.318	ug/l	99
64) Tetrachloroethene	11.100	164	44685	18.031	ug/l	97
65) Chlorobenzene	11.888	112	140183	17.603	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	47641	16.300	ug/l	97
67) Ethyl Benzene	11.965	91	224640	17.319	ug/l	98
68) m/p-Xylenes	12.070	106	178133	37.160	ug/l	94
69) o-Xylene	12.400	106	81892	17.876	ug/l	95
70) Styrene	12.412	104	139717	18.428	ug/l	96
71) Bromoform	12.576	173	36188	17.304	ug/l #	99
73) Isopropylbenzene	12.694	105	203862	17.548	ug/l	100
74) N-amyl acetate	12.494	43	78413	15.016	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.935	83	70155	17.095	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	64655m	18.480	ug/l	
77) Bromobenzene	12.976	156	52063	17.153	ug/l	96
78) n-propylbenzene	13.035	91	244603	17.785	ug/l	98
79) 2-Chlorotoluene	13.123	91	151553	17.026	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	170197	17.736	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	23976	18.541	ug/l #	81
82) 4-Chlorotoluene	13.223	91	153459	17.315	ug/l	95
83) tert-Butylbenzene	13.435	119	139941	17.365	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	170742	17.852	ug/l	97
85) sec-Butylbenzene	13.611	105	197340	17.669	ug/l	100
86) p-Isopropyltoluene	13.729	119	162692	17.592	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	94164	16.846	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	96076	16.582	ug/l	98
89) n-Butylbenzene	14.059	91	130982	16.347	ug/l	99
90) Hexachloroethane	14.329	117	34840	16.386	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	91540	16.418	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	12950	17.281	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	42273	16.313	ug/l	97
94) Hexachlorobutadiene	15.500	225	20375	14.810	ug/l	94
95) Naphthalene	15.641	128	122511	15.843	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	41321	15.759	ug/l	99

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

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