

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031825\
 Data File : VN086001.D
 Acq On : 18 Mar 2025 14:09
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Mar 19 02:57:23 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 02:30:27 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2025
 Supervised By : Mahesh Dadoda 03/19/2025

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145853	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	249612	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	206893	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	83272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0d	0.000	ug/l	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0d	0.000	ug/l	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0d	0.000	ug/l	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	0.000	95	0d	0.000	ug/l	
Spiked Amount	50.000	Range	77 - 121	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	1979	1.024	ug/l	86
3) Chloromethane	2.359	50	1992	1.176	ug/l	99
4) Vinyl Chloride	2.512	62	1726	0.996	ug/l #	74
6) Chloroethane	3.124	64	1302	1.192	ug/l	90
7) Trichlorofluoromethane	3.500	101	3696	1.187	ug/l	86
8) Diethyl Ether	3.959	74	980	1.028	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.365	101	1923m	1.162	ug/l	
12) 1,1-Dichloroethene	4.347	96	1210	0.810	ug/l #	69
14) Allyl chloride	5.024	41	1936	1.039	ug/l #	85
15) Acrylonitrile	5.724	53	3682	4.930	ug/l #	68
16) Acetone	4.436	43	3256	5.336	ug/l	99
17) Carbon Disulfide	4.706	76	6146	1.251	ug/l #	94
18) Methyl Acetate	5.024	43	1947	1.290	ug/l #	77
19) Methyl tert-butyl Ether	5.794	73	4880	0.997	ug/l #	91
20) Methylene Chloride	5.271	84	2132	1.194	ug/l #	80
21) trans-1,2-Dichloroethene	5.794	96	1725	1.056	ug/l #	76
22) Diisopropyl ether	6.677	45	3402m	0.856	ug/l	
23) Vinyl Acetate	6.606	43	12634	4.195	ug/l	98
24) 1,1-Dichloroethane	6.577	63	3295m	1.128	ug/l	
25) 2-Butanone	7.482	43	4310	4.895	ug/l	95
26) 2,2-Dichloropropane	7.482	77	2930	1.042	ug/l #	68
27) cis-1,2-Dichloroethene	7.488	96	1845	0.994	ug/l	90
28) Bromochloromethane	7.812	49	1520	1.228	ug/l #	98
29) Tetrahydrofuran	7.841	42	2219	4.082	ug/l #	81
30) Chloroform	7.959	83	3631	1.125	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	3278	1.072	ug/l #	42
36) 1,1-Dichloropropene	8.376	75	2281	0.994	ug/l	97
37) Ethyl Acetate	7.559	43	1939m	1.002	ug/l	
38) Carbon Tetrachloride	8.365	117	3114	1.032	ug/l #	95
39) Methylcyclohexane	9.594	83	2186	0.960	ug/l	92
40) Benzene	8.606	78	7317	1.016	ug/l	96
41) Methacrylonitrile	7.777	41	657	0.711	ug/l #	72
42) 1,2-Dichloroethane	8.671	62	2601	1.036	ug/l	80
43) Isopropyl Acetate	8.694	43	5607	1.334	ug/l #	75
44) Trichloroethene	9.347	130	2173	1.164	ug/l	74
45) 1,2-Dichloropropane	9.623	63	1541	0.941	ug/l #	83

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) Dibromomethane	9.700	93	1370	1.064	ug/l	90
47) Bromodichloromethane	9.882	83	2680	0.995	ug/l #	82
48) Methyl methacrylate	9.682	41	1275	0.921	ug/l #	77
49) 1,4-Dioxane	9.688	88	458	13.999	ug/l #	47
51) 4-Methyl-2-Pentanone	10.447	43	7154	3.868	ug/l	94
52) Toluene	10.629	92	3631	0.821	ug/l	95
53) t-1,3-Dichloropropene	10.835	75	2225	0.851	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	2318	0.840	ug/l	89
55) 1,1,2-Trichloroethane	11.018	97	1670	0.990	ug/l #	86
56) Ethyl methacrylate	10.870	69	1488	0.886	ug/l	90
57) 1,3-Dichloropropane	11.159	76	2752	0.960	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.159	63	3357	7.514	ug/l	99
59) 2-Hexanone	11.194	43	5032	3.734	ug/l	87
60) Dibromochloromethane	11.359	129	2077	0.954	ug/l	92
61) 1,2-Dibromoethane	11.465	107	1624	0.938	ug/l	94
64) Tetrachloroethene	11.106	164	1792	1.086	ug/l	92
65) Chlorobenzene	11.888	112	5000	1.056	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.953	131	1843	1.047	ug/l #	66
67) Ethyl Benzene	11.964	91	6561	0.866	ug/l	99
68) m/p-Xylenes	12.070	106	5319	1.787	ug/l	82
69) o-Xylene	12.400	106	2200	0.805	ug/l	92
70) Styrene	12.412	104	3823	0.819	ug/l	87
71) Bromoform	12.576	173	1536	1.044	ug/l #	91
73) Isopropylbenzene	12.694	105	5061	0.890	ug/l	97
74) N-amyl acetate	12.494	43	1639	0.861	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.935	83	2184	1.135	ug/l #	91
76) 1,2,3-Trichloropropane	12.994	75	1541m	0.812	ug/l	
77) Bromobenzene	12.976	156	1666	1.051	ug/l	98
78) n-propylbenzene	13.035	91	5242	0.814	ug/l	98
79) 2-Chlorotoluene	13.129	91	3888	0.909	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	3984	0.830	ug/l	97
82) 4-Chlorotoluene	13.223	91	4068	0.925	ug/l	100
83) tert-Butylbenzene	13.435	119	3963	0.965	ug/l	92
84) 1,2,4-Trimethylbenzene	13.482	105	3881	0.801	ug/l	97
85) sec-Butylbenzene	13.617	105	4035	0.753	ug/l	99
86) p-Isopropyltoluene	13.723	119	3477	0.767	ug/l	93
87) 1,3-Dichlorobenzene	13.735	146	2812	0.984	ug/l	92
88) 1,4-Dichlorobenzene	13.811	146	3403m	1.133	ug/l	
89) n-Butylbenzene	14.053	91	3124	0.846	ug/l	93
90) Hexachloroethane	14.335	117	1276	1.220	ug/l	76
91) 1,2-Dichlorobenzene	14.100	146	3337	1.174	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	319	0.831	ug/l #	20
93) 1,2,4-Trichlorobenzene	15.388	180	1497	1.048	ug/l	94
94) Hexachlorobutadiene	15.500	225	965	1.164	ug/l	80
95) Naphthalene	15.641	128	4162	1.006	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.829	180	1329	0.980	ug/l #	86

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

Manual Integrations

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