

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084389.D
 Acq On : 10 Oct 2024 16:25
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

Quant Time: Oct 11 02:49:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176428	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	297133	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	267776	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134878	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111009	42.437	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.880%		
35) Dibromofluoromethane	8.171	113	89019	45.444	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.880%		
50) Toluene-d8	10.565	98	331459	45.992	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	91.980%		
62) 4-Bromofluorobenzene	12.847	95	121296	46.198	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.400%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90218	43.231	ug/l	94
3) Chloromethane	2.365	50	99017	41.554	ug/l	99
4) Vinyl Chloride	2.518	62	101601	44.019	ug/l	96
5) Bromomethane	2.953	94	60792	39.930	ug/l	98
6) Chloroethane	3.118	64	62682	37.919	ug/l	95
7) Trichlorofluoromethane	3.494	101	165523	46.053	ug/l	99
8) Diethyl Ether	3.965	74	58403	43.813	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.377	101	97685	47.433	ug/l	99
10) Methyl Iodide	4.589	142	118205	44.569	ug/l	94
11) Tert butyl alcohol	5.512	59	80458	186.532	ug/l	99
12) 1,1-Dichloroethene	4.341	96	91177	45.899	ug/l	98
13) Acrolein	4.177	56	108651	219.417	ug/l	100
14) Allyl chloride	5.018	41	147479	42.749	ug/l	96
15) Acrylonitrile	5.712	53	243557	223.602	ug/l	99
16) Acetone	4.424	43	248165	220.842	ug/l	95
17) Carbon Disulfide	4.712	76	240840	38.294	ug/l	99
18) Methyl Acetate	5.024	43	119830	48.925	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	315590	47.070	ug/l	99
20) Methylene Chloride	5.271	84	104843	45.897	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	97627	46.910	ug/l	100
22) Diisopropyl ether	6.671	45	344697	48.304	ug/l	98
23) Vinyl Acetate	6.600	43	1229376	232.276	ug/l	100
24) 1,1-Dichloroethane	6.565	63	190151	47.650	ug/l	98
25) 2-Butanone	7.482	43	341337	223.019	ug/l	100
26) 2,2-Dichloropropane	7.488	77	172415	47.918	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	117875	46.871	ug/l	99
28) Bromochloromethane	7.812	49	86961	48.840	ug/l	98
29) Tetrahydrofuran	7.835	42	206537	218.670	ug/l	99
30) Chloroform	7.965	83	198075	47.784	ug/l	99
31) Cyclohexane	8.253	56	159182	41.083	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	175684	47.191	ug/l	99
36) 1,1-Dichloropropene	8.371	75	137539	48.338	ug/l	99
37) Ethyl Acetate	7.559	43	132445	45.372	ug/l	99
38) Carbon Tetrachloride	8.359	117	151274	48.467	ug/l	96
39) Methylcyclohexane	9.600	83	150437	47.505	ug/l	99
40) Benzene	8.606	78	429951	48.499	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	76784	48.452	ug/l	98
42) 1,2-Dichloroethane	8.671	62	144452	48.064	ug/l	100
43) Isopropyl Acetate	8.682	43	225275	39.400	ug/l	97
44) Trichloroethene	9.353	130	98593	47.617	ug/l	97
45) 1,2-Dichloropropane	9.618	63	106798	50.925	ug/l	97
46) Dibromomethane	9.712	93	71923	50.820	ug/l	97
47) Bromodichloromethane	9.888	83	160515	51.051	ug/l	99
48) Methyl methacrylate	9.676	41	107440	47.205	ug/l	99
49) 1,4-Dioxane	9.694	88	36567	872.678	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	678202	244.059	ug/l	99
52) Toluene	10.629	92	268395	49.648	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	158680	49.509	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	170686	49.511	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	99817	51.505	ug/l	98
56) Ethyl methacrylate	10.870	69	161415	50.618	ug/l	98
57) 1,3-Dichloropropane	11.159	76	171469	49.516	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	381366	257.802	ug/l	99
59) 2-Hexanone	11.194	43	502369	241.878	ug/l	99
60) Dibromochloromethane	11.359	129	118721	51.848	ug/l	100
61) 1,2-Dibromoethane	11.465	107	98397	48.863	ug/l	100
64) Tetrachloroethene	11.106	164	85702	45.950	ug/l	97
65) Chlorobenzene	11.888	112	286504	48.256	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	102215	49.983	ug/l	96
67) Ethyl Benzene	11.965	91	519382	49.466	ug/l	99
68) m/p-Xylenes	12.070	106	392032	100.936	ug/l	99
69) o-Xylene	12.394	106	188928	51.413	ug/l	100
70) Styrene	12.412	104	328821	52.829	ug/l	98
71) Bromoform	12.576	173	76497	50.808	ug/l #	100
73) Isopropylbenzene	12.694	105	483987	47.024	ug/l	100
74) N-amyl acetate	12.494	43	205724	44.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	140277	45.326	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	133458m	48.467	ug/l	
77) Bromobenzene	12.976	156	116390	46.881	ug/l	96
78) n-propylbenzene	13.035	91	589817	49.461	ug/l	100
79) 2-Chlorotoluene	13.123	91	355216	46.682	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	413532	49.255	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	50665	44.113	ug/l	99
82) 4-Chlorotoluene	13.217	91	365946	47.773	ug/l	99
83) tert-Butylbenzene	13.435	119	353630	47.390	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	422691	49.977	ug/l	99
85) sec-Butylbenzene	13.617	105	496286	49.840	ug/l	99
86) p-Isopropyltoluene	13.729	119	414534	50.344	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	216972	46.586	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	218845	46.529	ug/l	99
89) n-Butylbenzene	14.053	91	362714	48.580	ug/l	100
90) Hexachloroethane	14.329	117	75424	45.127	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	209762	45.931	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	26131	40.916	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	104678	46.536	ug/l	97
94) Hexachlorobutadiene	15.500	225	47285	42.152	ug/l	99
95) Naphthalene	15.641	128	325727	43.680	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	101702	45.167	ug/l	99

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

