

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091024\
 Data File : VN083763.D
 Acq On : 10 Sep 2024 19:44
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 11 03:19:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 02:47:22 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 09/11/2024
 Supervised By :Semsettin Yesilyurt 09/11/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	142007	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	258952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	121768	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	112805	52.681	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.360%			
35) Dibromofluoromethane	8.165	113	80111	48.324	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.640%			
50) Toluene-d8	10.565	98	297958	51.990	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.847	95	120893	51.129	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 102.260%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	83093	50.384	ug/l	99
3) Chloromethane	2.359	50	85283	50.664	ug/l	100
4) Vinyl Chloride	2.512	62	90079	49.832	ug/l	100
5) Bromomethane	2.900	94	50487	48.644	ug/l	93
6) Chloroethane	3.053	64	57958	45.708	ug/l	96
7) Trichlorofluoromethane	3.459	101	149720	48.794	ug/l	98
8) Diethyl Ether	3.959	74	51551	50.120	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.353	101	80495	49.493	ug/l	99
10) Methyl Iodide	4.571	142	104837	50.684	ug/l	94
11) Tert butyl alcohol	5.553	59	76115	265.454	ug/l	100
12) 1,1-Dichloroethene	4.318	96	76471	49.787	ug/l	89
13) Acrolein	4.177	56	73417	259.504	ug/l	96
14) Allyl chloride	5.006	41	137778	50.342	ug/l	98
15) Acrylonitrile	5.718	53	204195	261.862	ug/l	100
16) Acetone	4.436	43	173372	201.975	ug/l	100
17) Carbon Disulfide	4.694	76	202209	47.064	ug/l	99
18) Methyl Acetate	5.024	43	98303	55.156	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	283535	51.013	ug/l	100
20) Methylene Chloride	5.265	84	87062	49.564	ug/l	89
21) trans-1,2-Dichloroethene	5.783	96	77662	47.180	ug/l	96
22) Diisopropyl ether	6.671	45	289306	51.351	ug/l	100
23) Vinyl Acetate	6.600	43	1120175	271.505	ug/l	100
24) 1,1-Dichloroethane	6.559	63	161243	49.677	ug/l	98
25) 2-Butanone	7.482	43	280116	248.284	ug/l	98
26) 2,2-Dichloropropane	7.488	77	129108	43.192	ug/l	98
27) cis-1,2-Dichloroethene	7.482	96	97606	49.951	ug/l	100
28) Bromochloromethane	7.806	49	70012	51.220	ug/l	96
29) Tetrahydrofuran	7.841	42	181483	272.048	ug/l	97
30) Chloroform	7.965	83	171669	49.818	ug/l	100
31) Cyclohexane	8.253	56	144102	46.564	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	159081	50.207	ug/l	98
36) 1,1-Dichloropropene	8.371	75	116352	46.630	ug/l	98
37) Ethyl Acetate	7.559	43	114678	50.633	ug/l	99
38) Carbon Tetrachloride	8.359	117	137140	48.446	ug/l	97
39) Methylcyclohexane	9.600	83	136179	47.948	ug/l	97
40) Benzene	8.606	78	356467	47.464	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	66110	49.351	ug/l	99
42) 1,2-Dichloroethane	8.665	62	136046	48.479	ug/l	99
43) Isopropyl Acetate	8.688	43	266133	64.842	ug/l	92
44) Trichloroethene	9.347	130	79169	45.521	ug/l	91
45) 1,2-Dichloropropane	9.618	63	89151	49.114	ug/l	94
46) Dibromomethane	9.706	93	62698	49.314	ug/l	99
47) Bromodichloromethane	9.888	83	136812	49.721	ug/l	99
48) Methyl methacrylate	9.676	41	100798	51.764	ug/l	99
49) 1,4-Dioxane	9.700	88	31777	991.999	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	586425	262.479	ug/l	97
52) Toluene	10.629	92	221820	48.287	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	133823	47.981	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	140652	48.009	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	82677	48.208	ug/l	98
56) Ethyl methacrylate	10.876	69	136423	51.703	ug/l	94
57) 1,3-Dichloropropane	11.165	76	143054	48.533	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	290013	305.038	ug/l	97
59) 2-Hexanone	11.194	43	433348	262.210	ug/l	97
60) Dibromochloromethane	11.359	129	96777	50.423	ug/l	100
61) 1,2-Dibromoethane	11.470	107	84369	49.328	ug/l	97
64) Tetrachloroethene	11.106	164	68960	44.477	ug/l	98
65) Chlorobenzene	11.888	112	231213	44.620	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	83090	46.254	ug/l	98
67) Ethyl Benzene	11.964	91	430001	46.713	ug/l	100
68) m/p-Xylenes	12.070	106	320309	93.725	ug/l	99
69) o-Xylene	12.400	106	158346	47.862	ug/l	98
70) Styrene	12.412	104	261921	48.239	ug/l	98
71) Bromoform	12.576	173	60995	50.388	ug/l #	99
73) Isopropylbenzene	12.694	105	411043	43.632	ug/l	100
74) N-amyl acetate	12.494	43	189295	47.095	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	121518	43.901	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	119342m	49.801	ug/l	
77) Bromobenzene	12.976	156	91723	40.448	ug/l	98
78) n-propylbenzene	13.035	91	474594	43.298	ug/l	100
79) 2-Chlorotoluene	13.123	91	295824	42.318	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	348571	43.886	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	39281	41.871	ug/l	93
82) 4-Chlorotoluene	13.223	91	296055	42.203	ug/l	100
83) tert-Butylbenzene	13.435	119	303853	43.727	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	348740	43.710	ug/l	100
85) sec-Butylbenzene	13.617	105	405737	44.026	ug/l	100
86) p-Isopropyltoluene	13.729	119	339333	43.925	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	174349	40.739	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	174436	40.253	ug/l	98
89) n-Butylbenzene	14.053	91	281400	40.570	ug/l	100
90) Hexachloroethane	14.335	117	68251	43.950	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	174469	42.241	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26191	47.466	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	85987	38.796	ug/l	99
94) Hexachlorobutadiene	15.500	225	36828	39.126	ug/l	99
95) Naphthalene	15.641	128	293178	43.478	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	85404	40.319	ug/l	99

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

