

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084385.D
 Acq On : 10 Oct 2024 13:45
 Operator : JC\MD
 Sample : P4368-07 0.75PPB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Quant Time: Oct 11 08:32:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 11 05:25:25 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John

Carlone

10/11/2024

Supervised By :Mahesh

Dadoda

10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145425	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	263479	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	226427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94711	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	110578	51.284	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.560%			
35) Dibromofluoromethane	8.165	113	85737	49.359	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.720%			
50) Toluene-d8	10.565	98	296820	46.446	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 92.900%			
62) 4-Bromofluorobenzene	12.847	95	97912	42.055	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.120%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	1390	0.808	ug/l	72
3) Chloromethane	2.365	50	1607	0.818	ug/l #	84
4) Vinyl Chloride	2.512	62	1515	0.796	ug/l #	88
5) Bromomethane	2.971	94	1434m	1.143	ug/l	
6) Chloroethane	3.124	64	2144m	1.574	ug/l	
7) Trichlorofluoromethane	3.506	101	2789	0.941	ug/l #	65
8) Diethyl Ether	3.959	74	620	0.564	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.377	101	1273	0.750	ug/l #	56
10) Methyl Iodide	4.589	142	1498	0.685	ug/l #	84
11) Tert butyl alcohol	5.518	59	1191	3.350	ug/l #	73
12) 1,1-Dichloroethene	4.341	96	1196	0.730	ug/l	81
13) Acrolein	4.200	56	846	2.073	ug/l	91
14) Allyl chloride	5.024	41	1631	0.574	ug/l #	85
15) Acrylonitrile	5.724	53	2856	3.181	ug/l	93
16) Acetone	4.441	43	4145	4.475	ug/l	92
17) Carbon Disulfide	4.712	76	3946	0.761	ug/l #	75
18) Methyl Acetate	5.036	43	1684	0.834	ug/l #	69
19) Methyl tert-butyl Ether	5.788	73	3789	0.686	ug/l #	54
20) Methylene Chloride	5.265	84	1547m	0.822	ug/l	
21) trans-1,2-Dichloroethene	5.788	96	1215	0.708	ug/l #	67
22) Diisopropyl ether	6.677	45	3501	0.595	ug/l #	78
23) Vinyl Acetate	6.600	43	13800	3.163	ug/l #	92
24) 1,1-Dichloroethane	6.559	63	1211	0.368	ug/l #	83
25) 2-Butanone	7.488	43	5059	4.010	ug/l	94
26) 2,2-Dichloropropane	7.482	77	2501	0.843	ug/l #	73
27) cis-1,2-Dichloroethene	7.482	96	1454	0.701	ug/l	76
28) Bromochloromethane	7.818	49	1164	0.793	ug/l #	89
29) Tetrahydrofuran	7.847	42	2479	3.184	ug/l #	82
30) Chloroform	7.965	83	2812	0.823	ug/l #	67
31) Cyclohexane	8.229	56	5744	1.798	ug/l #	34
32) 1,1,1-Trichloroethane	8.171	97	1996	0.650	ug/l #	53
36) 1,1-Dichloropropene	8.365	75	917	0.363	ug/l	92
37) Ethyl Acetate	7.559	43	1695	0.655	ug/l #	72
38) Carbon Tetrachloride	8.359	117	1905	0.688	ug/l #	82
39) Methylcyclohexane	9.600	83	1785	0.636	ug/l #	79
40) Benzene	8.606	78	5910	0.752	ug/l #	90

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41) Methacrylonitrile	7.788	41	905	0.644	ug/l #	65
42) 1,2-Dichloroethane	8.665	62	2302	0.864	ug/l #	75
43) Isopropyl Acetate	8.688	43	5211	1.028	ug/l #	78
44) Trichloroethene	9.347	130	1551	0.845	ug/l	79
45) 1,2-Dichloropropane	9.629	63	1374	0.739	ug/l #	44
46) Dibromomethane	9.712	93	974	0.776	ug/l	93
47) Bromodichloromethane	9.894	83	2265	0.812	ug/l #	80
48) Methyl methacrylate	9.682	41	1265	0.627	ug/l	93
49) 1,4-Dioxane	9.706	88	349	9.393	ug/l #	61
51) 4-Methyl-2-Pentanone	10.447	43	7554	3.066	ug/l	99
52) Toluene	10.629	92	3239	0.676	ug/l	93
53) t-1,3-Dichloropropene	10.835	75	1961	0.690	ug/l	90
54) cis-1,3-Dichloropropene	10.318	75	2077	0.679	ug/l #	86
55) 1,1,2-Trichloroethane	11.018	97	1436	0.836	ug/l #	78
56) Ethyl methacrylate	10.876	69	1286	0.455	ug/l #	61
57) 1,3-Dichloropropane	11.165	76	2207	0.719	ug/l	90
58) 2-Chloroethyl Vinyl ether	10.165	63	3675	2.802	ug/l	94
59) 2-Hexanone	11.194	43	5585	3.033	ug/l	88
60) Dibromochloromethane	11.359	129	1382	0.681	ug/l	91
61) 1,2-Dibromoethane	11.465	107	1295	0.725	ug/l	92
64) Tetrachloroethene	11.100	164	1166	0.739	ug/l #	87
65) Chlorobenzene	11.894	112	3622	0.721	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	1419	0.821	ug/l #	60
67) Ethyl Benzene	11.965	91	5443	0.613	ug/l	96
68) m/p-Xylenes	12.065	106	3806	1.159	ug/l	97
69) o-Xylene	12.394	106	1544	0.497	ug/l	85
70) Styrene	12.412	104	2729	0.519	ug/l	97
71) Bromoform	12.570	173	962	0.756	ug/l #	65
73) Isopropylbenzene	12.700	105	4143	0.573	ug/l	97
74) N-amyl acetate	12.494	43	1937	0.592	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.935	83	1852	0.852	ug/l #	92
76) 1,2,3-Trichloropropane	12.994	75	2288	1.183	ug/l	66
77) Bromobenzene	12.988	156	1387	0.796	ug/l	97
78) n-propylbenzene	13.029	91	5591	0.668	ug/l	94
79) 2-Chlorotoluene	13.123	91	3804	0.712	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	3262	0.553	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.729	75	445m	0.552	ug/l	
82) 4-Chlorotoluene	13.217	91	3366	0.626	ug/l	99
83) tert-Butylbenzene	13.441	119	2926	0.558	ug/l	94
84) 1,2,4-Trimethylbenzene	13.476	105	3122	0.526	ug/l	98
85) sec-Butylbenzene	13.617	105	3780	0.541	ug/l	95
86) p-Isopropyltoluene	13.729	119	3336	0.577	ug/l	96
87) 1,3-Dichlorobenzene	13.735	146	2569	0.786	ug/l	96
88) 1,4-Dichlorobenzene	13.811	146	2428m	0.735	ug/l	
89) n-Butylbenzene	14.053	91	3172	0.605	ug/l	94
90) Hexachloroethane	14.341	117	782	0.666	ug/l	78
91) 1,2-Dichlorobenzene	14.106	146	2133	0.665	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	258	0.575	ug/l #	34
93) 1,2,4-Trichlorobenzene	15.400	180	1007	0.638	ug/l #	90
94) Hexachlorobutadiene	15.505	225	382	0.485	ug/l	93
95) Naphthalene	15.641	128	2780	0.531	ug/l #	90
96) 1,2,3-Trichlorobenzene	15.835	180	708	0.448	ug/l #	70

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

