

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093024\
 Data File : VN084216.D
 Acq On : 30 Sep 2024 13:37
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Quant Time: Oct 01 06:49:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 06:46:32 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 10/01/2024
 Supervised By : Mahesh Dadoda 10/01/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	176243	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304981	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262325	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	25083	9.599	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	19.200%#		
35) Dibromofluoromethane	8.165	113	19289	9.594	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	19.180%#		
50) Toluene-d8	10.565	98	70000	9.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	18.920%#		
62) 4-Bromofluorobenzene	12.847	95	24756	9.186	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	18.380%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	19806	9.501	ug/l	96
3) Chloromethane	2.359	50	22840	9.595	ug/l	97
4) Vinyl Chloride	2.518	62	22584	9.795	ug/l	97
5) Bromomethane	2.965	94	14957	9.835	ug/l	96
6) Chloroethane	3.124	64	15254	9.238	ug/l	89
7) Trichlorofluoromethane	3.494	101	33820	9.420	ug/l	99
8) Diethyl Ether	3.965	74	12422	9.328	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	18747	9.113	ug/l	98
10) Methyl Iodide	4.594	142	24268	9.160	ug/l	96
11) Tert butyl alcohol	5.512	59	20490	47.553	ug/l #	86
12) 1,1-Dichloroethene	4.341	96	18798	9.473	ug/l	86
13) Acrolein	4.183	56	22976	46.448	ug/l	98
14) Allyl chloride	5.024	41	31571	9.161	ug/l	98
15) Acrylonitrile	5.718	53	52809	48.533	ug/l	99
16) Acetone	4.424	43	52518	46.785	ug/l	96
17) Carbon Disulfide	4.718	76	58158	9.257	ug/l	99
18) Methyl Acetate	5.024	43	24366	9.959	ug/l	95
19) Methyl tert-butyl Ether	5.794	73	63531	9.486	ug/l	94
20) Methylene Chloride	5.277	84	21801	9.554	ug/l	87
21) trans-1,2-Dichloroethene	5.788	96	20107	9.672	ug/l	85
22) Diisopropyl ether	6.671	45	66959	9.393	ug/l	97
23) Vinyl Acetate	6.606	43	248594	46.769	ug/l	98
24) 1,1-Dichloroethane	6.571	63	38215	9.586	ug/l	99
25) 2-Butanone	7.482	43	73877	48.320	ug/l	99
26) 2,2-Dichloropropane	7.488	77	34655	9.641	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	23095	9.193	ug/l	98
28) Bromochloromethane	7.812	49	14904	8.379	ug/l	100
29) Tetrahydrofuran	7.835	42	46917	49.725	ug/l	99
30) Chloroform	7.965	83	39355	9.504	ug/l	90
31) Cyclohexane	8.253	56	36916	9.538	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	35869	9.645	ug/l #	87
36) 1,1-Dichloropropene	8.377	75	28525	9.767	ug/l	99
37) Ethyl Acetate	7.565	43	29754	9.931	ug/l #	81
38) Carbon Tetrachloride	8.365	117	30964	9.665	ug/l	92
39) Methylcyclohexane	9.600	83	30932	9.516	ug/l	95
40) Benzene	8.606	78	86029	9.454	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	15332	9.426	ug/l	97
42) 1,2-Dichloroethane	8.671	62	30402	9.855	ug/l	97
43) Isopropyl Acetate	8.688	43	52246	8.906	ug/l	99
44) Trichloroethene	9.347	130	20092	9.454	ug/l	99
45) 1,2-Dichloropropane	9.618	63	20703	9.618	ug/l	96
46) Dibromomethane	9.706	93	13770	9.479	ug/l	95
47) Bromodichloromethane	9.888	83	30289	9.385	ug/l #	98
48) Methyl methacrylate	9.682	41	22612	9.679	ug/l	98
49) 1,4-Dioxane	9.694	88	8627	200.587	ug/l #	78
51) 4-Methyl-2-Pentanone	10.441	43	142632	50.007	ug/l	99
52) Toluene	10.629	92	52537	9.468	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	31555	9.592	ug/l	93
54) cis-1,3-Dichloropropene	10.312	75	34684	9.802	ug/l	96
55) 1,1,2-Trichloroethane	11.018	97	19245	9.675	ug/l	97
56) Ethyl methacrylate	10.870	69	31262	9.551	ug/l	97
57) 1,3-Dichloropropane	11.165	76	33613	9.457	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	71035	46.784	ug/l	99
59) 2-Hexanone	11.194	43	103615	48.604	ug/l	100
60) Dibromochloromethane	11.359	129	22833	9.715	ug/l	99
61) 1,2-Dibromoethane	11.470	107	19220	9.299	ug/l	95
64) Tetrachloroethene	11.100	164	17743	9.711	ug/l	97
65) Chlorobenzene	11.894	112	56099	9.645	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	19227	9.597	ug/l	97
67) Ethyl Benzene	11.964	91	96533	9.385	ug/l	97
68) m/p-Xylenes	12.070	106	72910	19.162	ug/l	100
69) o-Xylene	12.394	106	34965	9.713	ug/l	100
70) Styrene	12.412	104	58367	9.572	ug/l	99
71) Bromoform	12.576	173	13618	9.233	ug/l #	96
73) Isopropylbenzene	12.694	105	88000	9.638	ug/l	99
74) N-amyl acetate	12.494	43	40801	9.868	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	26966	9.822	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	23907m	10.024	ug/l	
77) Bromobenzene	12.982	156	21439	9.734	ug/l	99
78) n-propylbenzene	13.035	91	105334	9.957	ug/l	99
79) 2-Chlorotoluene	13.123	91	65511	9.704	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	73637	9.887	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	10237	10.047	ug/l	94
82) 4-Chlorotoluene	13.223	91	66449	9.778	ug/l	99
83) tert-Butylbenzene	13.435	119	64152	9.691	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	74245	9.895	ug/l	99
85) sec-Butylbenzene	13.611	105	88913	10.065	ug/l	100
86) p-Isopropyltoluene	13.729	119	71675	9.812	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	39402	9.536	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	39191	9.392	ug/l	97
89) n-Butylbenzene	14.053	91	61422	9.273	ug/l	99
90) Hexachloroethane	14.335	117	14560	9.820	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	38594	9.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	5799	10.235	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	18960	9.501	ug/l	99
94) Hexachlorobutadiene	15.500	225	9592	9.638	ug/l	95
95) Naphthalene	15.635	128	63596	9.613	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	19629	9.826	ug/l	97

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

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