

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084568.D
 Acq On : 29 Oct 2024 16:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 10/30/2024
 Supervised By :Mahesh Dadoda 10/30/2024

Quant Time: Oct 30 05:06:11 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	156967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274482	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	253360	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122961	52.834	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 105.660%			
35) Dibromofluoromethane	8.165	113	100814	55.712	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 111.420%			
50) Toluene-d8	10.565	98	348459	52.340	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.680%			
62) 4-Bromofluorobenzene	12.847	95	142446	58.731	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 117.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66890	36.027	ug/l	95
3) Chloromethane	2.365	50	86446	40.776	ug/l	97
4) Vinyl Chloride	2.512	62	86554	42.149	ug/l	97
5) Bromomethane	2.906	94	44230	32.654	ug/l	99
6) Chloroethane	3.071	64	58658	39.885	ug/l	97
7) Trichlorofluoromethane	3.471	101	152394	47.657	ug/l	96
8) Diethyl Ether	3.959	74	60097	50.673	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	88931	48.536	ug/l	99
10) Methyl Iodide	4.583	142	118666	50.291	ug/l	98
11) Tert butyl alcohol	5.536	59	76463	199.248	ug/l	98
12) 1,1-Dichloroethene	4.330	96	84797	47.980	ug/l	96
13) Acrolein	4.177	56	97281	220.812	ug/l	99
14) Allyl chloride	5.012	41	152499	49.684	ug/l	92
15) Acrylonitrile	5.718	53	246280	254.134	ug/l	98
16) Acetone	4.430	43	219651	219.701	ug/l	96
17) Carbon Disulfide	4.700	76	209528	37.446	ug/l	100
18) Methyl Acetate	5.024	43	115769	53.128	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	316929	53.131	ug/l	98
20) Methylene Chloride	5.271	84	104110	51.227	ug/l	93
21) trans-1,2-Dichloroethene	5.777	96	91289	49.303	ug/l	93
22) Diisopropyl ether	6.671	45	338914	53.382	ug/l	100
23) Vinyl Acetate	6.600	43	1245190	264.432	ug/l	99
24) 1,1-Dichloroethane	6.565	63	185876	52.353	ug/l	97
25) 2-Butanone	7.483	43	316363	232.329	ug/l	98
26) 2,2-Dichloropropane	7.488	77	161392	50.415	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	115266	51.517	ug/l	97
28) Bromochloromethane	7.812	49	76540	48.317	ug/l	96
29) Tetrahydrofuran	7.835	42	204781	243.691	ug/l	97
30) Chloroform	7.965	83	195607	53.039	ug/l	98
31) Cyclohexane	8.253	56	142024	41.199	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	172758	52.158	ug/l	99
36) 1,1-Dichloropropene	8.365	75	124314	47.296	ug/l	99
37) Ethyl Acetate	7.559	43	132077	48.980	ug/l	99
38) Carbon Tetrachloride	8.359	117	144443	50.097	ug/l	95
39) Methylcyclohexane	9.600	83	129331	44.210	ug/l	98
40) Benzene	8.606	78	424352	51.818	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	74102	50.618	ug/l	98
42) 1,2-Dichloroethane	8.671	62	143389	51.647	ug/l	98
43) Isopropyl Acetate	8.688	43	286071	54.162	ug/l	93
44) Trichloroethene	9.353	130	93495	48.881	ug/l	91
45) 1,2-Dichloropropane	9.618	63	104979	54.189	ug/l	99
46) Dibromomethane	9.706	93	74311	56.841	ug/l	99
47) Bromodichloromethane	9.888	83	158840	54.687	ug/l	96
48) Methyl methacrylate	9.677	41	106608	50.705	ug/l	99
49) 1,4-Dioxane	9.694	88	36971	955.131	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	660003	257.110	ug/l	99
52) Toluene	10.629	92	257413	51.546	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	155872	52.646	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	167656	52.645	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	99817	55.756	ug/l	97
56) Ethyl methacrylate	10.871	69	159181	54.037	ug/l	97
57) 1,3-Dichloropropane	11.159	76	170075	53.166	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	336425	246.190	ug/l	98
59) 2-Hexanone	11.194	43	479173	249.749	ug/l	98
60) Dibromochloromethane	11.359	129	118395	55.972	ug/l	99
61) 1,2-Dibromoethane	11.471	107	99437	53.454	ug/l	100
64) Tetrachloroethene	11.106	164	77324	43.817	ug/l	98
65) Chlorobenzene	11.888	112	275087	48.969	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	101961	52.695	ug/l	99
67) Ethyl Benzene	11.965	91	481920	48.509	ug/l	100
68) m/p-Xylenes	12.070	106	367803	100.086	ug/l	100
69) o-Xylene	12.400	106	179438	51.609	ug/l	100
70) Styrene	12.412	104	310865	52.786	ug/l	98
71) Bromoform	12.582	173	77184	54.182	ug/l #	97
73) Isopropylbenzene	12.694	105	447884	44.337	ug/l	99
74) N-amyl acetate	12.494	43	204106	44.618	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	143522	47.249	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	118029m	43.672	ug/l	
77) Bromobenzene	12.976	156	112618	46.217	ug/l	97
78) n-propylbenzene	13.035	91	527772	45.093	ug/l	99
79) 2-Chlorotoluene	13.123	91	337383	45.174	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	387066	46.972	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	51048m	45.284	ug/l	
82) 4-Chlorotoluene	13.217	91	338048	44.963	ug/l	99
83) tert-Butylbenzene	13.435	119	328236	44.817	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	398567	48.013	ug/l	99
85) sec-Butylbenzene	13.617	105	444209	45.451	ug/l	100
86) p-Isopropyltoluene	13.729	119	370635	45.861	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	207832	45.465	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	205217	44.455	ug/l	99
89) n-Butylbenzene	14.053	91	302991	41.346	ug/l	99
90) Hexachloroethane	14.329	117	71172	43.386	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	206962	46.173	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27813	44.371	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	98150	44.456	ug/l	97
94) Hexachlorobutadiene	15.500	225	43474	39.485	ug/l	100
95) Naphthalene	15.641	128	319097	43.597	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	100046	45.270	ug/l	98

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

