

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100724\
 Data File : VN084324.D
 Acq On : 07 Oct 2024 10:58
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 08 03:55:37 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

Manual Integrations APPROVED

Reviewed By :Mahesh
 Dadoda

10/08/2024
 Supervised By :Semsettin
 Yesilyurt

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	166895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	263904	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	130596	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	133180	53.820	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.640%	
35) Dibromofluoromethane	8.165	113	103477	54.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.200%	
50) Toluene-d8	10.565	98	371343	52.769	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.540%	
62) 4-Bromofluorobenzene	12.847	95	138022	53.837	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 107.680%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	85566	43.344	ug/l	97
3) Chloromethane	2.359	50	104843	46.512	ug/l	99
4) Vinyl Chloride	2.518	62	98378	45.057	ug/l	97
5) Bromomethane	2.948	94	66116	45.908	ug/l	97
6) Chloroethane	3.112	64	66181	42.323	ug/l	99
7) Trichlorofluoromethane	3.495	101	155710	45.797	ug/l	100
8) Diethyl Ether	3.959	74	64620	51.245	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	89424	45.902	ug/l	100
10) Methyl Iodide	4.589	142	126545	50.439	ug/l	96
11) Tert butyl alcohol	5.518	59	96157	235.662	ug/l	99
12) 1,1-Dichloroethene	4.342	96	87342	46.480	ug/l	92
13) Acrolein	4.177	56	117602	251.059	ug/l	98
14) Allyl chloride	5.018	41	142320	43.609	ug/l	96
15) Acrylonitrile	5.718	53	264867	257.055	ug/l	100
16) Acetone	4.424	43	228145	214.623	ug/l	98
17) Carbon Disulfide	4.712	76	246566	41.443	ug/l	99
18) Methyl Acetate	5.024	43	125060	53.977	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	340509	53.688	ug/l	98
20) Methylene Chloride	5.271	84	111896	51.783	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	96619	49.077	ug/l	99
22) Diisopropyl ether	6.671	45	362556	53.709	ug/l	99
23) Vinyl Acetate	6.600	43	1342105	268.059	ug/l	100
24) 1,1-Dichloroethane	6.565	63	191066	50.614	ug/l	99
25) 2-Butanone	7.477	43	342017	236.227	ug/l	100
26) 2,2-Dichloropropane	7.488	77	153550	45.112	ug/l	97
27) cis-1,2-Dichloroethene	7.488	96	121523	51.082	ug/l	98
28) Bromochloromethane	7.812	49	86619	51.427	ug/l	99
29) Tetrahydrofuran	7.835	42	229061	256.369	ug/l	100
30) Chloroform	7.965	83	202130	51.547	ug/l	97
31) Cyclohexane	8.253	56	149651	40.829	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	168998	47.988	ug/l	100
36) 1,1-Dichloropropene	8.371	75	129627	46.657	ug/l	99
37) Ethyl Acetate	7.559	43	140703	49.364	ug/l	99
38) Carbon Tetrachloride	8.359	117	142531	46.767	ug/l	98
39) Methylcyclohexane	9.600	83	140666	45.491	ug/l	96
40) Benzene	8.606	78	437066	50.491	ug/l	98

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41) Methacrylonitrile	7.777	41	81563	52.710	ug/l	98
42) 1,2-Dichloroethane	8.671	62	151726	51.703	ug/l	99
43) Isopropyl Acetate	8.688	43	240520	43.082	ug/l	98
44) Trichloroethene	9.353	130	96991	47.974	ug/l	96
45) 1,2-Dichloropropane	9.618	63	110491	53.958	ug/l	99
46) Dibromomethane	9.706	93	77596	56.152	ug/l	98
47) Bromodichloromethane	9.888	83	165071	53.767	ug/l	97
48) Methyl methacrylate	9.682	41	115502	51.972	ug/l	99
49) 1,4-Dioxane	9.694	88	40835	998.054	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	712239	262.493	ug/l	98
52) Toluene	10.629	92	267481	50.673	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	168919	53.976	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	178484	53.022	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	106500	56.280	ug/l	95
56) Ethyl methacrylate	10.876	69	172079	55.264	ug/l	99
57) 1,3-Dichloropropane	11.159	76	182655	54.019	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	392567	271.779	ug/l	98
59) 2-Hexanone	11.194	43	519998	256.409	ug/l	100
60) Dibromochloromethane	11.359	129	124742	55.792	ug/l	99
61) 1,2-Dibromoethane	11.471	107	105243	53.524	ug/l	99
64) Tetrachloroethene	11.100	164	85338	46.426	ug/l	97
65) Chlorobenzene	11.888	112	284494	48.620	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	103860	51.532	ug/l	99
67) Ethyl Benzene	11.965	91	498497	48.173	ug/l	100
68) m/p-Xylenes	12.070	106	382229	99.856	ug/l	100
69) o-Xylene	12.394	106	183362	50.631	ug/l	100
70) Styrene	12.412	104	327783	53.435	ug/l	99
71) Bromoform	12.576	173	81221	54.737	ug/l #	97
73) Isopropylbenzene	12.694	105	457205	45.878	ug/l	100
74) N-amyl acetate	12.494	43	214201	47.465	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	147560	49.242	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	141132m	52.935	ug/l	
77) Bromobenzene	12.976	156	116988	48.667	ug/l	98
78) n-propylbenzene	13.035	91	551134	47.733	ug/l	100
79) 2-Chlorotoluene	13.123	91	341906	46.406	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	398636	49.038	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	53138	47.783	ug/l	99
82) 4-Chlorotoluene	13.217	91	353811	47.704	ug/l	100
83) tert-Butylbenzene	13.435	119	334884	46.350	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	408563	49.891	ug/l	99
85) sec-Butylbenzene	13.617	105	457038	47.403	ug/l	99
86) p-Isopropyltoluene	13.729	119	389543	48.860	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	216142	47.930	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	219123	48.116	ug/l	99
89) n-Butylbenzene	14.053	91	338893	46.878	ug/l	100
90) Hexachloroethane	14.329	117	73794	45.599	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	212966	48.162	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29329	47.429	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	107563	49.386	ug/l	99
94) Hexachlorobutadiene	15.500	225	46143	42.483	ug/l	98
95) Naphthalene	15.641	128	351338	48.659	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	108261	49.657	ug/l	98

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

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