

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100324\
 Data File : VN084305.D
 Acq On : 03 Oct 2024 17:51
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/04/2024
 Supervised By : Mahesh Dadoda 10/04/2024

Quant Time: Oct 04 01:39:47 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	158850	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274743	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	245935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	122128	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	121335	51.517	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.040%
35) Dibromofluoromethane	8.165	113	95521	52.737	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.480%
50) Toluene-d8	10.565	98	359398	53.932	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	107.860%
62) 4-Bromofluorobenzene	12.847	95	126918	52.279	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	90010	47.904	ug/l	95
3) Chloromethane	2.359	50	101197	47.169	ug/l	100
4) Vinyl Chloride	2.512	62	100445	48.333	ug/l	99
5) Bromomethane	2.947	94	62405	45.526	ug/l	99
6) Chloroethane	3.118	64	64743	43.500	ug/l	95
7) Trichlorofluoromethane	3.500	101	162821	50.314	ug/l	97
8) Diethyl Ether	3.959	74	57877	48.223	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	92555	49.915	ug/l	99
10) Methyl Iodide	4.594	142	117761	49.315	ug/l	96
11) Tert butyl alcohol	5.518	59	92887	239.177	ug/l	100
12) 1,1-Dichloroethene	4.341	96	88956	49.737	ug/l	94
13) Acrolein	4.183	56	125490	281.466	ug/l	96
14) Allyl chloride	5.024	41	145034	46.692	ug/l	99
15) Acrylonitrile	5.718	53	258845	263.933	ug/l	99
16) Acetone	4.424	43	237707	234.943	ug/l	99
17) Carbon Disulfide	4.712	76	247500	43.707	ug/l	99
18) Methyl Acetate	5.024	43	118773	53.860	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	311809	51.653	ug/l	100
20) Methylene Chloride	5.277	84	102039	49.613	ug/l	96
21) trans-1,2-Dichloroethene	5.783	96	94372	50.364	ug/l	96
22) Diisopropyl ether	6.671	45	341390	53.135	ug/l	97
23) Vinyl Acetate	6.606	43	1276678	267.905	ug/l	100
24) 1,1-Dichloroethane	6.571	63	186701	51.962	ug/l	99
25) 2-Butanone	7.482	43	352705	255.947	ug/l	99
26) 2,2-Dichloropropane	7.494	77	159491	49.231	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	115984	51.223	ug/l	100
28) Bromochloromethane	7.812	49	74744	46.624	ug/l	97
29) Tetrahydrofuran	7.841	42	228877	269.137	ug/l	99
30) Chloroform	7.965	83	192333	51.533	ug/l	98
31) Cyclohexane	8.259	56	158221	45.354	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	170572	50.888	ug/l	99
36) 1,1-Dichloropropene	8.371	75	130692	49.675	ug/l	99
37) Ethyl Acetate	7.559	43	138196	51.200	ug/l	99
38) Carbon Tetrachloride	8.359	117	147335	51.051	ug/l	98
39) Methylcyclohexane	9.600	83	145723	49.766	ug/l	99
40) Benzene	8.606	78	422359	51.525	ug/l	97

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41) Methacrylonitrile	7.777	41	77512	52.897	ug/l	98
42) 1,2-Dichloroethane	8.671	62	146428	52.692	ug/l	100
43) Isopropyl Acetate	8.688	43	267412	50.581	ug/l	95
44) Trichloroethene	9.353	130	95060	49.652	ug/l	94
45) 1,2-Dichloropropane	9.623	63	105317	54.312	ug/l	98
46) Dibromomethane	9.706	93	72256	55.216	ug/l	99
47) Bromodichloromethane	9.888	83	155710	53.558	ug/l	97
48) Methyl methacrylate	9.676	41	110912	52.702	ug/l	99
49) 1,4-Dioxane	9.694	88	41475	1070.473	ug/l	98
51) 4-Methyl-2-Pentanone	10.447	43	722302	281.111	ug/l	100
52) Toluene	10.629	92	262593	52.533	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157067	52.999	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	168246	52.780	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	97778	54.565	ug/l	96
56) Ethyl methacrylate	10.876	69	162693	55.176	ug/l	99
57) 1,3-Dichloropropane	11.165	76	169036	52.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	367230	268.477	ug/l	100
59) 2-Hexanone	11.194	43	531745	276.887	ug/l	100
60) Dibromochloromethane	11.359	129	115629	54.613	ug/l	98
61) 1,2-Dibromoethane	11.470	107	98036	52.651	ug/l	100
64) Tetrachloroethene	11.106	164	81142	47.369	ug/l	97
65) Chlorobenzene	11.894	112	272909	50.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	97192	51.747	ug/l	100
67) Ethyl Benzene	11.965	91	497963	51.638	ug/l	99
68) m/p-Xylenes	12.070	106	371996	104.283	ug/l	99
69) o-Xylene	12.400	106	180762	53.560	ug/l	99
70) Styrene	12.412	104	313450	54.832	ug/l	99
71) Bromoform	12.576	173	77188	55.820	ug/l #	98
73) Isopropylbenzene	12.694	105	459334	49.288	ug/l	100
74) N-amyl acetate	12.494	43	211935	50.219	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	144009	51.390	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	121281m	48.643	ug/l	
77) Bromobenzene	12.982	156	109802	48.845	ug/l	99
78) n-propylbenzene	13.035	91	550445	50.978	ug/l	99
79) 2-Chlorotoluene	13.123	91	339399	49.260	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	396135	52.109	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	51936	49.940	ug/l	99
82) 4-Chlorotoluene	13.217	91	343367	49.505	ug/l	99
83) tert-Butylbenzene	13.435	119	337370	49.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	397840	51.950	ug/l	99
85) sec-Butylbenzene	13.617	105	467481	51.848	ug/l	99
86) p-Isopropyltoluene	13.729	119	388465	52.103	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	203802	48.327	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	205279	48.202	ug/l	99
89) n-Butylbenzene	14.053	91	335196	49.581	ug/l	99
90) Hexachloroethane	14.335	117	72798	48.103	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	199667	48.285	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	27528	47.603	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	96872	47.561	ug/l	99
94) Hexachlorobutadiene	15.500	225	43736	43.059	ug/l	99
95) Naphthalene	15.641	128	315917	46.787	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	95541	46.861	ug/l	99

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

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