

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100924\
 Data File : VN084375.D
 Acq On : 09 Oct 2024 18:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 01:25:24 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	178954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	308730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	125253	47.206	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.420%		
35) Dibromofluoromethane	8.171	113	98285	48.289	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.580%		
50) Toluene-d8	10.565	98	368955	49.271	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.847	95	132169	48.448	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	96.900%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	87038	41.118	ug/l	91
3) Chloromethane	2.365	50	99992	41.371	ug/l	99
4) Vinyl Chloride	2.512	62	100165	42.784	ug/l	96
5) Bromomethane	2.947	94	59929	38.808	ug/l	97
6) Chloroethane	3.112	64	61583	36.729	ug/l	96
7) Trichlorofluoromethane	3.494	101	164867	45.223	ug/l	98
8) Diethyl Ether	3.959	74	61751	45.670	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.371	101	95543	45.738	ug/l	98
10) Methyl Iodide	4.583	142	116584	43.338	ug/l	100
11) Tert butyl alcohol	5.524	59	97265	222.314	ug/l	99
12) 1,1-Dichloroethene	4.341	96	90937	45.132	ug/l	97
13) Acrolein	4.183	56	119416	237.752	ug/l	97
14) Allyl chloride	5.024	41	148593	42.463	ug/l	99
15) Acrylonitrile	5.718	53	267574	242.183	ug/l	100
16) Acetone	4.424	43	239300	209.947	ug/l	97
17) Carbon Disulfide	4.712	76	243271	38.134	ug/l	100
18) Methyl Acetate	5.024	43	130739	52.626	ug/l	98
19) Methyl tert-butyl Ether	5.800	73	326871	48.065	ug/l	100
20) Methylene Chloride	5.277	84	106460	45.947	ug/l	92
21) trans-1,2-Dichloroethene	5.788	96	96023	45.488	ug/l	96
22) Diisopropyl ether	6.677	45	352454	48.694	ug/l	98
23) Vinyl Acetate	6.606	43	1312670	244.513	ug/l	100
24) 1,1-Dichloroethane	6.571	63	188793	46.641	ug/l	99
25) 2-Butanone	7.482	43	356601	229.703	ug/l	100
26) 2,2-Dichloropropane	7.488	77	166624	45.655	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	119072	46.679	ug/l	98
28) Bromochloromethane	7.812	49	80760	44.717	ug/l	99
29) Tetrahydrofuran	7.835	42	231529	241.670	ug/l	99
30) Chloroform	7.965	83	197514	46.976	ug/l	97
31) Cyclohexane	8.253	56	159933	40.694	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	180081	47.689	ug/l	99
36) 1,1-Dichloropropene	8.371	75	134969	45.653	ug/l	99
37) Ethyl Acetate	7.559	43	146713	48.372	ug/l	100
38) Carbon Tetrachloride	8.365	117	152677	47.079	ug/l	98
39) Methylcyclohexane	9.600	83	148579	45.156	ug/l	99
40) Benzene	8.606	78	431146	46.807	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	82671	50.207	ug/l	99
42) 1,2-Dichloroethane	8.671	62	146008	46.757	ug/l	100
43) Isopropyl Acetate	8.688	43	262095	44.118	ug/l	99
44) Trichloroethene	9.353	130	97748	45.436	ug/l	97
45) 1,2-Dichloropropane	9.618	63	108184	49.648	ug/l	98
46) Dibromomethane	9.706	93	74232	50.482	ug/l	98
47) Bromodichloromethane	9.888	83	160199	49.036	ug/l	98
48) Methyl methacrylate	9.682	41	117773	49.801	ug/l	99
49) 1,4-Dioxane	9.694	88	41040	942.637	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	739780	256.218	ug/l	100
52) Toluene	10.629	92	272269	48.473	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	163030	48.956	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	174827	48.807	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	101164	50.240	ug/l	96
56) Ethyl methacrylate	10.876	69	168888	50.972	ug/l	99
57) 1,3-Dichloropropane	11.165	76	174466	48.489	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	382959	249.155	ug/l	99
59) 2-Hexanone	11.194	43	548683	254.254	ug/l	99
60) Dibromochloromethane	11.359	129	120666	50.718	ug/l	100
61) 1,2-Dibromoethane	11.470	107	100909	48.228	ug/l	100
64) Tetrachloroethene	11.106	164	81832	43.024	ug/l	96
65) Chlorobenzene	11.888	112	287305	47.451	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	101586	48.711	ug/l	99
67) Ethyl Benzene	11.964	91	516490	48.236	ug/l	99
68) m/p-Xylenes	12.070	106	388252	98.023	ug/l	99
69) o-Xylene	12.394	106	187363	49.998	ug/l	97
70) Styrene	12.412	104	323158	50.912	ug/l	99
71) Bromoform	12.576	173	78057	50.838	ug/l #	98
73) Isopropylbenzene	12.694	105	481052	46.667	ug/l	100
74) N-amyl acetate	12.494	43	224197	48.029	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	148903	48.039	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	125071m	45.351	ug/l	
77) Bromobenzene	12.976	156	113809	45.771	ug/l	98
78) n-propylbenzene	13.035	91	576895	48.303	ug/l	100
79) 2-Chlorotoluene	13.123	91	352322	46.230	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	409170	48.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	53737	46.715	ug/l	98
82) 4-Chlorotoluene	13.217	91	357710	46.626	ug/l	100
83) tert-Butylbenzene	13.435	119	349132	46.715	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	415858	49.094	ug/l	99
85) sec-Butylbenzene	13.617	105	481591	48.290	ug/l	99
86) p-Isopropyltoluene	13.729	119	401948	48.740	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	211311	45.301	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	212198	45.047	ug/l	100
89) n-Butylbenzene	14.053	91	347685	46.495	ug/l	99
90) Hexachloroethane	14.329	117	76452	45.672	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	210136	45.943	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	30027	46.944	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	104113	46.213	ug/l	100
94) Hexachlorobutadiene	15.500	225	45580	40.570	ug/l	98
95) Naphthalene	15.641	128	456589	61.134	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	102467	45.437	ug/l	100

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

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