

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101024\
 Data File : VN084377.D
 Acq On : 10 Oct 2024 09:44
 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 11 02:40:29 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 : John Carlone 10/11/2024
 Supervised By : Mahesh Dadoda 10/14/2024

10/11/2024
 Supervised By : Mahesh
 Dadoda

10/14/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	178173	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304204	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141550	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.577	65	128484	48.636	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.280%
35) Dibromofluoromethane	8.165	113	103638	51.677	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.360%
50) Toluene-d8	10.565	98	383295	51.948	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.900%
62) 4-Bromofluorobenzene	12.847	95	141878	52.781	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.560%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	91793	43.555	ug/l	96
3) Chloromethane	2.359	50	108158	44.946	ug/l	99
4) Vinyl Chloride	2.512	62	105094	45.086	ug/l	98
5) Bromomethane	2.942	94	66594	43.313	ug/l	100
6) Chloroethane	3.112	64	67945	40.701	ug/l	96
7) Trichlorofluoromethane	3.495	101	174577	48.096	ug/l	99
8) Diethyl Ether	3.959	74	61842	45.938	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	98704	47.458	ug/l	98
10) Methyl Iodide	4.589	142	123851	46.241	ug/l	93
11) Tert butyl alcohol	5.518	59	105496	242.184	ug/l	99
12) 1,1-Dichloroethene	4.336	96	93615	46.665	ug/l	98
13) Acrolein	4.177	56	103325	206.618	ug/l	98
14) Allyl chloride	5.024	41	154799	44.431	ug/l	96
15) Acrylonitrile	5.718	53	275304	250.272	ug/l	100
16) Acetone	4.424	43	298281	262.840	ug/l	100
17) Carbon Disulfide	4.706	76	256967	40.458	ug/l	99
18) Methyl Acetate	5.024	43	131016	52.969	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	335782	49.592	ug/l	97
20) Methylene Chloride	5.271	84	112902	48.941	ug/l	88
21) trans-1,2-Dichloroethene	5.789	96	102331	48.689	ug/l	92
22) Diisopropyl ether	6.671	45	361420	50.151	ug/l	99
23) Vinyl Acetate	6.600	43	1334122	249.598	ug/l	100
24) 1,1-Dichloroethane	6.565	63	202242	50.183	ug/l	98
25) 2-Butanone	7.483	43	392571	253.981	ug/l	100
26) 2,2-Dichloropropane	7.488	77	178342	49.080	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	124409	48.985	ug/l	99
28) Bromochloromethane	7.812	49	91917	51.118	ug/l	98
29) Tetrahydrofuran	7.841	42	240420	252.050	ug/l	99
30) Chloroform	7.965	83	210672	50.325	ug/l	97
31) Cyclohexane	8.259	56	163515	41.788	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	185267	49.277	ug/l	100
36) 1,1-Dichloropropene	8.371	75	141043	48.417	ug/l	100
37) Ethyl Acetate	7.559	43	151181	50.587	ug/l	99
38) Carbon Tetrachloride	8.359	117	159784	50.003	ug/l	94
39) Methylcyclohexane	9.600	83	150620	46.457	ug/l	99
40) Benzene	8.606	78	455222	50.156	ug/l	99

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41) Methacrylonitrile	7.771	41	85244	52.540	ug/l	98
42) 1,2-Dichloroethane	8.665	62	154604	50.246	ug/l	100
43) Isopropyl Acetate	8.688	43	252821	43.190	ug/l	99
44) Trichloroethene	9.353	130	104018	49.069	ug/l	97
45) 1,2-Dichloropropane	9.624	63	112232	52.272	ug/l	100
46) Dibromomethane	9.706	93	78924	54.471	ug/l	99
47) Bromodichloromethane	9.888	83	167211	51.944	ug/l #	99
48) Methyl methacrylate	9.677	41	120970	51.914	ug/l	99
49) 1,4-Dioxane	9.694	88	43718	1019.087	ug/l	98
51) 4-Methyl-2-Pentanone	10.441	43	768004	269.951	ug/l	100
52) Toluene	10.629	92	284405	51.387	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	169103	51.535	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	182094	51.592	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	106511	53.682	ug/l	97
56) Ethyl methacrylate	10.871	69	174467	53.439	ug/l	98
57) 1,3-Dichloropropane	11.165	76	182305	51.421	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	402198	265.565	ug/l	99
59) 2-Hexanone	11.194	43	580128	272.825	ug/l	100
60) Dibromochloromethane	11.359	129	126015	53.754	ug/l	99
61) 1,2-Dibromoethane	11.471	107	107890	52.331	ug/l	99
64) Tetrachloroethene	11.106	164	89680	46.979	ug/l	95
65) Chlorobenzene	11.888	112	302484	49.777	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	107815	51.510	ug/l	100
67) Ethyl Benzene	11.965	91	545241	50.736	ug/l	100
68) m/p-Xylenes	12.071	106	413011	103.895	ug/l	100
69) o-Xylene	12.394	106	198713	52.834	ug/l	98
70) Styrene	12.412	104	346737	54.428	ug/l	99
71) Bromoform	12.576	173	83500	54.186	ug/l #	99
73) Isopropylbenzene	12.694	105	505765	46.824	ug/l	99
74) N-amyl acetate	12.494	43	225736	46.150	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.935	83	155446	47.860	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	132188m	45.743	ug/l	
77) Bromobenzene	12.982	156	123069	47.235	ug/l	97
78) n-propylbenzene	13.035	91	613432	49.017	ug/l	99
79) 2-Chlorotoluene	13.123	91	370161	46.353	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	430822	48.896	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	56576	46.937	ug/l	97
82) 4-Chlorotoluene	13.218	91	385862	47.999	ug/l	100
83) tert-Butylbenzene	13.435	119	367236	46.894	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	440758	49.657	ug/l	100
85) sec-Butylbenzene	13.618	105	512114	49.005	ug/l	100
86) p-Isopropyltoluene	13.729	119	428573	49.595	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	233736	47.820	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	231518	46.904	ug/l	99
89) n-Butylbenzene	14.053	91	374254	47.763	ug/l	100
90) Hexachloroethane	14.335	117	81447	46.434	ug/l	97
91) 1,2-Dichlorobenzene	14.106	146	223629	46.660	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	31366	46.798	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	112930	47.838	ug/l	100
94) Hexachlorobutadiene	15.500	225	50290	42.718	ug/l	99
95) Naphthalene	15.641	128	369092	47.162	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	112060	47.422	ug/l	97

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

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