

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090924\
 Data File : VN083717.D
 Acq On : 09 Sep 2024 15:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/10/2024
 Supervised By : Mahesh Dadoda 09/10/2024

Quant Time: Sep 10 02:09:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	146257	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	250349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	219796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	103920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113035	55.299	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.600%			
35) Dibromofluoromethane	8.165	113	80455	53.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.780%			
50) Toluene-d8	10.565	98	298967	50.873	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.847	95	117048	53.848	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.700%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95985	62.009	ug/l	99
3) Chloromethane	2.359	50	96540	53.540	ug/l	96
4) Vinyl Chloride	2.512	62	99250	54.998	ug/l	99
5) Bromomethane	2.906	94	55426	58.425	ug/l	99
6) Chloroethane	3.077	64	64995	55.116	ug/l	99
7) Trichlorofluoromethane	3.477	101	166914	56.166	ug/l	96
8) Diethyl Ether	3.953	74	56157	52.860	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.359	101	91750	56.929	ug/l	99
10) Methyl Iodide	4.577	142	116853	53.600	ug/l	94
11) Tert butyl alcohol	5.530	59	82499	258.853	ug/l	98
12) 1,1-Dichloroethene	4.330	96	84448	52.705	ug/l	93
13) Acrolein	4.177	56	73484	243.710	ug/l	98
14) Allyl chloride	5.012	41	152281	53.306	ug/l	98
15) Acrylonitrile	5.712	53	213630	271.799	ug/l	100
16) Acetone	4.424	43	264851	324.914	ug/l	98
17) Carbon Disulfide	4.700	76	229898	49.237	ug/l	97
18) Methyl Acetate	5.018	43	100976	46.580	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	307565	54.115	ug/l	98
20) Methylene Chloride	5.271	84	93879	52.153	ug/l	92
21) trans-1,2-Dichloroethene	5.783	96	88103	52.788	ug/l	94
22) Diisopropyl ether	6.671	45	309584	54.959	ug/l	100
23) Vinyl Acetate	6.600	43	1190258	285.126	ug/l	98
24) 1,1-Dichloroethane	6.565	63	174721	54.391	ug/l	97
25) 2-Butanone	7.483	43	318289	286.788	ug/l	100
26) 2,2-Dichloropropane	7.488	77	167863	56.126	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	106371	53.410	ug/l	96
28) Bromochloromethane	7.812	49	76501	50.998	ug/l	95
29) Tetrahydrofuran	7.835	42	186657	271.143	ug/l	99
30) Chloroform	7.959	83	184602	54.545	ug/l	96
31) Cyclohexane	8.253	56	158938	50.266	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	172363	56.321	ug/l	99
36) 1,1-Dichloropropene	8.365	75	127927	55.660	ug/l	100
37) Ethyl Acetate	7.559	43	123522	54.002	ug/l	99
38) Carbon Tetrachloride	8.359	117	151888	57.922	ug/l	98
39) Methylcyclohexane	9.600	83	160364	58.146	ug/l	98
40) Benzene	8.606	78	394723	55.829	ug/l	100

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41) Methacrylonitrile	7.777	41	67179	51.467	ug/l	96
42) 1,2-Dichloroethane	8.671	62	146858	56.036	ug/l	100
43) Isopropyl Acetate	8.688	43	219224	47.706	ug/l	97
44) Trichloroethene	9.347	130	90305	53.096	ug/l	94
45) 1,2-Dichloropropane	9.618	63	93222	56.601	ug/l	98
46) Dibromomethane	9.706	93	67638	55.666	ug/l	99
47) Bromodichloromethane	9.888	83	147143	56.889	ug/l	96
48) Methyl methacrylate	9.676	41	105898	56.446	ug/l	98
49) 1,4-Dioxane	9.694	88	34240	1113.802	ug/l #	97
51) 4-Methyl-2-Pentanone	10.447	43	608689	286.236	ug/l	99
52) Toluene	10.629	92	244880	55.380	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	155238	57.976	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	157715	56.116	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	89706	56.839	ug/l	97
56) Ethyl methacrylate	10.871	69	151878	58.171	ug/l	97
57) 1,3-Dichloropropane	11.165	76	156828	56.128	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	275086	242.478	ug/l	98
59) 2-Hexanone	11.194	43	466760	292.473	ug/l	98
60) Dibromochloromethane	11.359	129	107185	58.612	ug/l	98
61) 1,2-Dibromoethane	11.470	107	89150	55.289	ug/l	98
64) Tetrachloroethene	11.106	164	77133	53.389	ug/l	97
65) Chlorobenzene	11.888	112	257397	52.218	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	91921	55.233	ug/l	99
67) Ethyl Benzene	11.965	91	478246	54.353	ug/l	100
68) m/p-Xylenes	12.070	106	357925	107.982	ug/l	100
69) o-Xylene	12.394	106	176048	54.952	ug/l	98
70) Styrene	12.412	104	294756	54.720	ug/l	99
71) Bromoform	12.576	173	67277	56.755	ug/l #	99
73) Isopropylbenzene	12.694	105	461153	54.827	ug/l	100
74) N-amyl acetate	12.494	43	201673	55.241	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	128211	53.694	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111297m	53.046	ug/l	
77) Bromobenzene	12.982	156	102562	51.974	ug/l	99
78) n-propylbenzene	13.035	91	539866	55.515	ug/l	99
79) 2-Chlorotoluene	13.123	91	331031	52.532	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	393467	55.530	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46703	52.501	ug/l	98
82) 4-Chlorotoluene	13.217	91	332692	51.969	ug/l	99
83) tert-Butylbenzene	13.435	119	340758	54.092	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	398743	55.908	ug/l	99
85) sec-Butylbenzene	13.617	105	467693	55.857	ug/l	100
86) p-Isopropyltoluene	13.729	119	398748	57.017	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	195804	51.116	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	193028	49.041	ug/l	100
89) n-Butylbenzene	14.053	91	335994	54.618	ug/l	100
90) Hexachloroethane	14.335	117	74573	54.782	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	192541	52.195	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	28044	54.153	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	100463	48.025	ug/l	100
94) Hexachlorobutadiene	15.500	225	42293	50.486	ug/l	100
95) Naphthalene	15.641	128	330106	49.116	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	98117	46.953	ug/l	98

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

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