

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092024\
 Data File : VN084094.D
 Acq On : 21 Sep 2024 06:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/23/2024
 Supervised By : Mahesh Dadoda 09/23/2024

Quant Time: Sep 21 07:27:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	132203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	241768	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	100218	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108321	54.339	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.680%			
35) Dibromofluoromethane	8.165	113	78594	50.779	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.560%			
50) Toluene-d8	10.565	98	277490	51.860	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	12.847	95	106497	48.242	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 96.480%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	71085	46.299	ug/l	94
3) Chloromethane	2.359	50	77930	49.694	ug/l	97
4) Vinyl Chloride	2.512	62	80294	47.713	ug/l	100
5) Bromomethane	2.942	94	46702	48.334	ug/l	96
6) Chloroethane	3.118	64	52867	44.785	ug/l	98
7) Trichlorofluoromethane	3.500	101	137137	48.008	ug/l	100
8) Diethyl Ether	3.959	74	50541	52.782	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.371	101	75629	49.950	ug/l	99
10) Methyl Iodide	4.589	142	94794	49.227	ug/l	98
11) Tert butyl alcohol	5.518	59	89948	336.960	ug/l	99
12) 1,1-Dichloroethene	4.336	96	71384	49.922	ug/l	97
13) Acrolein	4.177	56	25976	98.625	ug/l	95
14) Allyl chloride	5.018	41	123310	48.397	ug/l	97
15) Acrylonitrile	5.718	53	220467	303.696	ug/l	98
16) Acetone	4.424	43	194428	243.303	ug/l	98
17) Carbon Disulfide	4.712	76	176094	44.025	ug/l	97
18) Methyl Acetate	5.024	43	129443	78.813	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	289595	55.968	ug/l	99
20) Methylene Chloride	5.283	84	88141	53.899	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	75550	49.301	ug/l	88
22) Diisopropyl ether	6.671	45	309147	58.942	ug/l	97
23) Vinyl Acetate	6.606	43	1078596	280.814	ug/l	98
24) 1,1-Dichloroethane	6.571	63	165682	54.830	ug/l	99
25) 2-Butanone	7.483	43	305293	290.668	ug/l	99
26) 2,2-Dichloropropane	7.488	77	86054	30.924	ug/l	96
27) cis-1,2-Dichloroethene	7.483	96	97636	53.672	ug/l	98
28) Bromochloromethane	7.812	49	71135	55.901	ug/l	94
29) Tetrahydrofuran	7.841	42	195980	315.566	ug/l	97
30) Chloroform	7.965	83	173475	54.076	ug/l	99
31) Cyclohexane	8.253	56	129457	44.934	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	155837	52.830	ug/l	97
36) 1,1-Dichloropropene	8.371	75	113939	48.909	ug/l	99
37) Ethyl Acetate	7.559	43	120170	56.829	ug/l	96
38) Carbon Tetrachloride	8.365	117	131958	49.929	ug/l	99
39) Methylcyclohexane	9.600	83	120291	45.364	ug/l	98
40) Benzene	8.606	78	356299	50.814	ug/l	99

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41) Methacrylonitrile	7.777	41	72144	57.683	ug/l	99
42) 1,2-Dichloroethane	8.671	62	136544	52.114	ug/l	99
43) Isopropyl Acetate	8.688	43	233088	60.828	ug/l	98
44) Trichloroethene	9.347	130	81355	50.103	ug/l	94
45) 1,2-Dichloropropane	9.624	63	91370	53.914	ug/l	98
46) Dibromomethane	9.706	93	63281	53.310	ug/l	97
47) Bromodichloromethane	9.888	83	140802	54.808	ug/l	99
48) Methyl methacrylate	9.682	41	106372	58.510	ug/l	98
49) 1,4-Dioxane	9.694	88	34689	1159.874	ug/l #	96
51) 4-Methyl-2-Pentanone	10.447	43	647796	310.557	ug/l	97
52) Toluene	10.629	92	222059	51.775	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	131667	50.564	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	135944	49.700	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	85585	53.451	ug/l	97
56) Ethyl methacrylate	10.871	69	147657	59.938	ug/l	99
57) 1,3-Dichloropropane	11.165	76	150258	54.601	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	294919	332.246	ug/l	96
59) 2-Hexanone	11.194	43	471261	305.418	ug/l	98
60) Dibromochloromethane	11.359	129	101906	56.869	ug/l	100
61) 1,2-Dibromoethane	11.465	107	84864	53.144	ug/l	99
64) Tetrachloroethene	11.100	164	72618	51.963	ug/l	95
65) Chlorobenzene	11.888	112	237072	50.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	86570	53.467	ug/l	99
67) Ethyl Benzene	11.965	91	435315	52.468	ug/l	100
68) m/p-Xylenes	12.070	106	321594	104.403	ug/l	99
69) o-Xylene	12.394	106	157320	52.757	ug/l	100
70) Styrene	12.412	104	272638	55.710	ug/l	100
71) Bromoform	12.576	173	65219	59.775	ug/l #	99
73) Isopropylbenzene	12.694	105	411337	53.052	ug/l	99
74) N-amyl acetate	12.494	43	193056	58.359	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	125103	54.915	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	105954m	52.395	ug/l	
77) Bromobenzene	12.976	156	95664	51.257	ug/l	100
78) n-propylbenzene	13.035	91	485551	53.823	ug/l	99
79) 2-Chlorotoluene	13.123	91	300892	52.299	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	349159	53.413	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	37215	48.199	ug/l	98
82) 4-Chlorotoluene	13.217	91	302580	52.408	ug/l	100
83) tert-Butylbenzene	13.435	119	301256	52.675	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	351934	53.596	ug/l	100
85) sec-Butylbenzene	13.617	105	413619	54.533	ug/l	99
86) p-Isopropyltoluene	13.729	119	338580	53.252	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	176720	50.172	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	177838	49.863	ug/l	98
89) n-Butylbenzene	14.053	91	295380	51.743	ug/l	99
90) Hexachloroethane	14.335	117	65856	51.527	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	175798	51.716	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	26448	58.239	ug/l	94
93) 1,2,4-Trichlorobenzene	15.388	180	84406	46.271	ug/l	99
94) Hexachlorobutadiene	15.500	225	37509	48.419	ug/l	97
95) Naphthalene	15.635	128	290746	52.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	83388	47.832	ug/l	98

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

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