

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122624\
 Data File : VN085319.D
 Acq On : 26 Dec 2024 16:04
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 27 00:48:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/27/2024
 Supervised By : Mahesh Dadoda 12/27/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	138436	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	251896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216435	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	103732	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	117333	48.492	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.980%		
35) Dibromofluoromethane	8.159	113	90227	50.948	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.900%		
50) Toluene-d8	10.565	98	343480	53.065	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	106.140%		
62) 4-Bromofluorobenzene	12.847	95	119954	51.885	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	103.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107421	48.709	ug/l	95
3) Chloromethane	2.359	50	110102	52.377	ug/l	100
4) Vinyl Chloride	2.512	62	126234	64.093	ug/l	95
5) Bromomethane	2.953	94	77690	60.131	ug/l	100
6) Chloroethane	3.118	64	81045	67.199	ug/l	96
7) Trichlorofluoromethane	3.495	101	158933	49.971	ug/l	98
8) Diethyl Ether	3.959	74	57190	57.248	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	90305	52.939	ug/l	97
10) Methyl Iodide	4.589	142	109006	56.045	ug/l	94
11) Tert butyl alcohol	5.512	59	75151	223.591	ug/l	99
12) 1,1-Dichloroethene	4.336	96	86759	54.907	ug/l	85
13) Acrolein	4.177	56	119452	308.608	ug/l	97
14) Allyl chloride	5.024	41	135175	49.398	ug/l	97
15) Acrylonitrile	5.718	53	220557	240.923	ug/l	98
16) Acetone	4.418	43	182951	219.047	ug/l	95
17) Carbon Disulfide	4.712	76	243600	45.177	ug/l	98
18) Methyl Acetate	5.024	43	112259	47.476	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	299095	55.226	ug/l	100
20) Methylene Chloride	5.271	84	96167	52.636	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	91090	52.288	ug/l	88
22) Diisopropyl ether	6.665	45	306243	52.460	ug/l	98
23) Vinyl Acetate	6.600	43	1146163	254.095	ug/l	98
24) 1,1-Dichloroethane	6.565	63	176484	52.191	ug/l	99
25) 2-Butanone	7.477	43	301366	235.617	ug/l	98
26) 2,2-Dichloropropane	7.488	77	159273	50.866	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	107862	53.178	ug/l	97
28) Bromochloromethane	7.812	49	79208	46.446	ug/l	97
29) Tetrahydrofuran	7.835	42	194378	235.753	ug/l	95
30) Chloroform	7.965	83	179374	49.672	ug/l	97
31) Cyclohexane	8.253	56	153322	48.978	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	160958	50.009	ug/l	98
36) 1,1-Dichloropropene	8.365	75	128450	52.089	ug/l	98
37) Ethyl Acetate	7.553	43	122140	42.933	ug/l	99
38) Carbon Tetrachloride	8.359	117	139150	46.671	ug/l	96
39) Methylcyclohexane	9.600	83	143764	56.025	ug/l	94
40) Benzene	8.600	78	391029	50.971	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	69066	47.637	ug/l	99
42) 1,2-Dichloroethane	8.665	62	136524	46.721	ug/l	98
43) Isopropyl Acetate	8.682	43	216749	41.661	ug/l	96
44) Trichloroethene	9.347	130	91138	53.361	ug/l	100
45) 1,2-Dichloropropane	9.618	63	96036	50.560	ug/l	93
46) Dibromomethane	9.706	93	67989	50.141	ug/l	98
47) Bromodichloromethane	9.882	83	143301	49.326	ug/l	99
48) Methyl methacrylate	9.677	41	100004	46.891	ug/l	93
49) 1,4-Dioxane	9.694	88	32423	964.242	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	641144	234.541	ug/l	98
52) Toluene	10.629	92	241558	52.367	ug/l	99
53) t-1,3-Dichloropropene	10.829	75	152589	53.885	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	159326	52.919	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	88064	50.986	ug/l	98
56) Ethyl methacrylate	10.871	69	147480	45.135	ug/l	95
57) 1,3-Dichloropropane	11.159	76	157389	51.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.153	63	363816	234.621	ug/l	98
59) 2-Hexanone	11.194	43	464633	238.443	ug/l	98
60) Dibromochloromethane	11.359	129	105095	51.340	ug/l	99
61) 1,2-Dibromoethane	11.465	107	88998	50.026	ug/l	98
64) Tetrachloroethene	11.100	164	77447	53.176	ug/l	95
65) Chlorobenzene	11.888	112	261033	53.654	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	90808	53.499	ug/l	97
67) Ethyl Benzene	11.959	91	473470	56.778	ug/l	97
68) m/p-Xylenes	12.071	106	355877	114.105	ug/l	98
69) o-Xylene	12.394	106	173424	59.158	ug/l	95
70) Styrene	12.406	104	286718	58.585	ug/l	98
71) Bromoform	12.576	173	64826	48.723	ug/l #	97
73) Isopropylbenzene	12.694	105	440218	58.829	ug/l	99
74) N-amyl acetate	12.488	43	195411	52.285	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	126667	47.509	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	117449m	47.500	ug/l	
77) Bromobenzene	12.976	156	95295	48.503	ug/l	98
78) n-propylbenzene	13.035	91	519621	56.621	ug/l	99
79) 2-Chlorotoluene	13.123	91	307462	52.767	ug/l	95
80) 1,3,5-Trimethylbenzene	13.170	105	363663	58.265	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	46953	50.422	ug/l	95
82) 4-Chlorotoluene	13.217	91	311672	52.859	ug/l	97
83) tert-Butylbenzene	13.435	119	308339	58.252	ug/l	96
84) 1,2,4-Trimethylbenzene	13.476	105	369772	57.958	ug/l	100
85) sec-Butylbenzene	13.612	105	434099	58.824	ug/l	99
86) p-Isopropyltoluene	13.723	119	372341	52.060	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	187931	51.941	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	188234	50.280	ug/l	99
89) n-Butylbenzene	14.053	91	332750	61.314	ug/l	99
90) Hexachloroethane	14.329	117	67213	49.581	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	176001	52.300	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	24166	47.264	ug/l	91
93) 1,2,4-Trichlorobenzene	15.388	180	91741	53.256	ug/l	98
94) Hexachlorobutadiene	15.494	225	38665	43.186	ug/l	95
95) Naphthalene	15.635	128	447026	78.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	87054	50.595	ug/l	99

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

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