

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082924\
 Data File : VN083562.D
 Acq On : 29 Aug 2024 18:02
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/30/2024
 Supervised By : Mahesh Dadoda 08/30/2024

Quant Time: Aug 30 01:29:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080724W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 08 06:30:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	139567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	243177	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	216866	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	112091	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115717	58.249	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 116.500%			
35) Dibromofluoromethane	8.165	113	85190	56.125	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.260%			
50) Toluene-d8	10.565	98	305836	54.016	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 108.040%			
62) 4-Bromofluorobenzene	12.847	95	121660	55.116	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.240%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.118	85	69556	43.948	ug/l	99
3) Chloromethane	2.359	50	79553	49.095	ug/l	95
4) Vinyl Chloride	2.512	62	88236	53.366	ug/l	99
5) Bromomethane	2.901	94	43906	42.796	ug/l	95
6) Chloroethane	3.048	64	60218	58.214	ug/l	95
7) Trichlorofluoromethane	3.453	101	158646	58.082	ug/l	94
8) Diethyl Ether	3.953	74	59088	58.136	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.348	101	84995	56.441	ug/l	99
10) Methyl Iodide	4.571	142	113355	57.223	ug/l	95
11) Tert butyl alcohol	5.553	59	123464	299.054	ug/l	100
12) 1,1-Dichloroethene	4.318	96	82058	53.039	ug/l	89
13) Acrolein	4.171	56	71563	265.963	ug/l	99
14) Allyl chloride	5.006	41	157035	53.712	ug/l	90
15) Acrylonitrile	5.718	53	254891	300.196	ug/l	99
16) Acetone	4.430	43	202872	260.981	ug/l	99
17) Carbon Disulfide	4.689	76	195461	43.177	ug/l	99
18) Methyl Acetate	5.024	43	135885	58.671	ug/l #	91
19) Methyl tert-butyl Ether	5.795	73	334627	59.923	ug/l	98
20) Methylene Chloride	5.259	84	97798	54.666	ug/l	86
21) trans-1,2-Dichloroethene	5.777	96	85020	53.170	ug/l	92
22) Diisopropyl ether	6.671	45	333123	60.615	ug/l	97
23) Vinyl Acetate	6.600	43	1740506	308.983	ug/l	96
24) 1,1-Dichloroethane	6.565	63	179867	60.045	ug/l	100
25) 2-Butanone	7.489	43	347110	290.813	ug/l	92
26) 2,2-Dichloropropane	7.483	77	137783	49.528	ug/l	98
27) cis-1,2-Dichloroethene	7.477	96	112146	58.120	ug/l	93
28) Bromochloromethane	7.812	49	72210	58.986	ug/l	87
29) Tetrahydrofuran	7.841	42	227312	294.608	ug/l	88
30) Chloroform	7.965	83	194004	62.338	ug/l	98
31) Cyclohexane	8.253	56	150034	50.963	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	179583	60.963	ug/l	96
36) 1,1-Dichloropropene	8.371	75	126980	55.302	ug/l	99
37) Ethyl Acetate	7.565	43	141662	55.103	ug/l #	93
38) Carbon Tetrachloride	8.359	117	154351	59.684	ug/l	96
39) Methylcyclohexane	9.600	83	150021	53.195	ug/l	96
40) Benzene	8.606	78	400278	58.519	ug/l	99

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41) Methacrylonitrile	7.777	41	81547	55.787	ug/l	97
42) 1,2-Dichloroethane	8.671	62	155524	62.416	ug/l	99
43) Isopropyl Acetate	8.688	43	292613	66.975	ug/l	99
44) Trichloroethene	9.353	130	92762	56.976	ug/l	98
45) 1,2-Dichloropropane	9.624	63	100535	61.919	ug/l	98
46) Dibromomethane	9.706	93	71240	61.299	ug/l	99
47) Bromodichloromethane	9.888	83	153935	58.991	ug/l	98
48) Methyl methacrylate	9.682	41	120657	56.768	ug/l	94
49) 1,4-Dioxane	9.700	88	44066	1149.189	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	725988	298.625	ug/l	93
52) Toluene	10.629	92	252490	58.422	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	157789	58.866	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	163338	57.290	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	96479	62.292	ug/l	97
56) Ethyl methacrylate	10.877	69	172577	59.106	ug/l	89
57) 1,3-Dichloropropane	11.165	76	170470	61.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	350471	283.964	ug/l	96
59) 2-Hexanone	11.194	43	553538	294.310	ug/l	93
60) Dibromochloromethane	11.359	129	115091	61.461	ug/l	98
61) 1,2-Dibromoethane	11.471	107	98614	60.610	ug/l	96
64) Tetrachloroethene	11.106	164	81201	56.537	ug/l	98
65) Chlorobenzene	11.894	112	270427	56.428	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	99797	59.044	ug/l	98
67) Ethyl Benzene	11.965	91	498209	56.668	ug/l	99
68) m/p-Xylenes	12.071	106	369490	112.195	ug/l	97
69) o-Xylene	12.400	106	183461	56.483	ug/l	99
70) Styrene	12.412	104	310901	56.991	ug/l	98
71) Bromoform	12.576	173	75272	58.785	ug/l #	100
73) Isopropylbenzene	12.694	105	485543	51.788	ug/l	100
74) N-amyl acetate	12.494	43	231895	50.566	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	148980	56.182	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	131772m	53.563	ug/l	
77) Bromobenzene	12.982	156	106624	51.195	ug/l	94
78) n-propylbenzene	13.035	91	552950	51.219	ug/l	100
79) 2-Chlorotoluene	13.123	91	347503	50.771	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	408831	52.085	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	50787	44.906	ug/l	95
82) 4-Chlorotoluene	13.223	91	338459	49.299	ug/l	97
83) tert-Butylbenzene	13.435	119	363316	52.266	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	410255	51.863	ug/l	100
85) sec-Butylbenzene	13.618	105	484288	51.058	ug/l	99
86) p-Isopropyltoluene	13.729	119	399988	51.074	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	203240	51.861	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	203917	51.614	ug/l	98
89) n-Butylbenzene	14.053	91	337685	49.762	ug/l	98
90) Hexachloroethane	14.335	117	80845	53.432	ug/l	94
91) 1,2-Dichlorobenzene	14.106	146	213317	56.250	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34626	53.812	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	112893	53.137	ug/l	98
94) Hexachlorobutadiene	15.500	225	46488	49.201	ug/l	97
95) Naphthalene	15.641	128	399251	53.052	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110987	52.795	ug/l	97

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

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