

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061424\
 Data File : VN082595.D
 Acq On : 14 Jun 2024 20:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 14 23:52:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/17/2024
 Supervised By : Mahesh Dadoda 06/17/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	145389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	253498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	237674	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	119189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	131306	57.196	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 114.400%			
35) Dibromofluoromethane	8.165	113	94943	60.884	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 121.760%			
50) Toluene-d8	10.571	98	335098	56.049	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 112.100%			
62) 4-Bromofluorobenzene	12.847	95	127108	59.566	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 119.140%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	119957	57.227	ug/l	95
3) Chloromethane	2.359	50	131797	55.480	ug/l	98
4) Vinyl Chloride	2.512	62	133144	59.618	ug/l	99
5) Bromomethane	2.942	94	76186	59.350	ug/l	97
6) Chloroethane	3.112	64	92251	63.261	ug/l	98
7) Trichlorofluoromethane	3.489	101	173132	59.202	ug/l	98
8) Diethyl Ether	3.965	74	64060	61.490	ug/l	72
9) 1,1,2-Trichlorotrifluo...	4.371	101	98376	57.586	ug/l	99
10) Methyl Iodide	4.589	142	109943	64.018	ug/l	98
11) Tert butyl alcohol	5.530	59	106281	288.403	ug/l	99
12) 1,1-Dichloroethene	4.336	96	94085	59.254	ug/l	85
13) Acrolein	4.183	56	85344	312.520	ug/l	98
14) Allyl chloride	5.024	41	186433	54.841	ug/l #	90
15) Acrylonitrile	5.718	53	305723	320.326	ug/l	99
16) Acetone	4.430	43	273545	290.465	ug/l	90
17) Carbon Disulfide	4.712	76	264713	51.618	ug/l	100
18) Methyl Acetate	5.024	43	161544	68.879	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	360179	62.059	ug/l	96
20) Methylene Chloride	5.277	84	115917	61.006	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	100416	58.033	ug/l #	80
22) Diisopropyl ether	6.677	45	432310	60.900	ug/l #	94
23) Vinyl Acetate	6.606	43	1685974	301.240	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	219303	59.938	ug/l	97
25) 2-Butanone	7.483	43	439615	307.888	ug/l #	84
26) 2,2-Dichloropropane	7.489	77	146880	47.927	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	125102	61.263	ug/l	86
28) Bromochloromethane	7.812	49	85323	53.845	ug/l #	76
29) Tetrahydrofuran	7.841	42	300343	327.616	ug/l #	82
30) Chloroform	7.971	83	214090	61.273	ug/l	99
31) Cyclohexane	8.259	56	188105	51.302	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	191713	61.847	ug/l	94
36) 1,1-Dichloropropene	8.371	75	149953	57.335	ug/l	96
37) Ethyl Acetate	7.565	43	182383	62.312	ug/l #	94
38) Carbon Tetrachloride	8.365	117	165056	62.257	ug/l	99
39) Methylcyclohexane	9.600	83	157240	54.849	ug/l #	84
40) Benzene	8.606	78	470235	60.294	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	100778	58.546	ug/l #	87
42) 1,2-Dichloroethane	8.671	62	179657	59.895	ug/l	94
43) Isopropyl Acetate	8.688	43	322295	62.144	ug/l #	89
44) Trichloroethene	9.353	130	102715	57.979	ug/l	94
45) 1,2-Dichloropropane	9.624	63	121483	60.372	ug/l	98
46) Dibromomethane	9.712	93	81431	61.639	ug/l	98
47) Bromodichloromethane	9.888	83	176733	63.369	ug/l	98
48) Methyl methacrylate	9.682	41	154506	62.521	ug/l #	82
49) 1,4-Dioxane	9.700	88	44810	1293.992	ug/l #	76
51) 4-Methyl-2-Pentanone	10.447	43	968897	328.809	ug/l	90
52) Toluene	10.629	92	290517	62.073	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	180297	62.507	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	185471	60.746	ug/l #	83
55) 1,1,2-Trichloroethane	11.018	97	109185	64.195	ug/l	99
56) Ethyl methacrylate	10.877	69	185245	64.151	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	195835	61.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	485054	325.657	ug/l	90
59) 2-Hexanone	11.200	43	716085	331.892	ug/l	90
60) Dibromochloromethane	11.365	129	129617	69.056	ug/l	97
61) 1,2-Dibromoethane	11.471	107	110484	63.243	ug/l	97
64) Tetrachloroethene	11.106	164	104607	59.381	ug/l	96
65) Chlorobenzene	11.894	112	308778	58.809	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	115110	66.557	ug/l	96
67) Ethyl Benzene	11.965	91	552976	58.874	ug/l	98
68) m/p-Xylenes	12.071	106	421584	122.467	ug/l	94
69) o-Xylene	12.400	106	201141	60.320	ug/l	91
70) Styrene	12.412	104	351641	63.487	ug/l	97
71) Bromoform	12.576	173	88701	64.281	ug/l #	99
73) Isopropylbenzene	12.700	105	522984	55.232	ug/l	97
74) N-amyl acetate	12.494	43	282046	54.152	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	157523	57.711	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	149035m	59.408	ug/l	
77) Bromobenzene	12.982	156	127448	56.479	ug/l	91
78) n-propylbenzene	13.035	91	630063	56.192	ug/l	97
79) 2-Chlorotoluene	13.123	91	378775	53.796	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	433927	56.674	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	58967	54.978	ug/l	85
82) 4-Chlorotoluene	13.223	91	379590	55.140	ug/l	95
83) tert-Butylbenzene	13.441	119	366609	54.732	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	440399	56.222	ug/l	98
85) sec-Butylbenzene	13.618	105	518556	55.853	ug/l	99
86) p-Isopropyltoluene	13.729	119	432920	57.375	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	232094	56.771	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	229996	55.121	ug/l	98
89) n-Butylbenzene	14.059	91	369720	54.516	ug/l	98
90) Hexachloroethane	14.335	117	85553	61.197	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	222870	57.592	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	34236	61.048	ug/l	86
93) 1,2,4-Trichlorobenzene	15.394	180	116151	53.547	ug/l	98
94) Hexachlorobutadiene	15.506	225	50365	52.915	ug/l	99
95) Naphthalene	15.641	128	397146	58.423	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	120842	55.649	ug/l	97

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

