

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052224\
 Data File : VN082307.D
 Acq On : 22 May 2024 21:06
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 23 01:59:02 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 05/23/2024
 Supervised By : Mahesh Dadoda 05/23/2024

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	184274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	320737	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	295564	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	142042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	155558	53.461	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.920%			
35) Dibromofluoromethane	8.171	113	105330	53.385	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.760%			
50) Toluene-d8	10.571	98	377855	49.952	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.900%			
62) 4-Bromofluorobenzene	12.853	95	141920	52.564	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 105.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115529	43.485	ug/l	97
3) Chloromethane	2.359	50	136675	45.393	ug/l	100
4) Vinyl Chloride	2.512	62	130032	45.938	ug/l	98
5) Bromomethane	2.942	94	66782	41.046	ug/l	96
6) Chloroethane	3.112	64	92329	49.954	ug/l	93
7) Trichlorofluoromethane	3.495	101	173263	46.745	ug/l	96
8) Diethyl Ether	3.959	74	71385	54.062	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.371	101	96327	44.488	ug/l	98
10) Methyl Iodide	4.589	142	113862	52.310	ug/l	96
11) Tert butyl alcohol	5.530	59	144926	310.283	ug/l	98
12) 1,1-Dichloroethene	4.336	96	94028	46.722	ug/l #	79
13) Acrolein	4.183	56	75675	218.637	ug/l	100
14) Allyl chloride	5.018	41	194431	45.125	ug/l #	90
15) Acrylonitrile	5.724	53	355104	293.554	ug/l	100
16) Acetone	4.430	43	331881	278.045	ug/l	91
17) Carbon Disulfide	4.712	76	257889	39.676	ug/l	98
18) Methyl Acetate	5.024	43	184449	62.050	ug/l #	86
19) Methyl tert-butyl Ether	5.800	73	404996	55.056	ug/l	96
20) Methylene Chloride	5.277	84	118779	49.321	ug/l #	75
21) trans-1,2-Dichloroethene	5.783	96	102203	46.602	ug/l #	80
22) Diisopropyl ether	6.677	45	470093	52.249	ug/l #	91
23) Vinyl Acetate	6.606	43	1937403	273.118	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	229127	49.408	ug/l	98
25) 2-Butanone	7.488	43	531955	293.943	ug/l #	84
26) 2,2-Dichloropropane	7.488	77	126877	32.664	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	129848	50.169	ug/l	85
28) Bromochloromethane	7.812	49	108134	53.840	ug/l #	74
29) Tetrahydrofuran	7.841	42	359541	309.431	ug/l #	82
30) Chloroform	7.971	83	229225	51.761	ug/l	99
31) Cyclohexane	8.259	56	190901	41.078	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	194607	49.533	ug/l #	92
36) 1,1-Dichloropropene	8.371	75	149906	45.301	ug/l	96
37) Ethyl Acetate	7.565	43	213875	57.753	ug/l	96
38) Carbon Tetrachloride	8.365	117	162881	48.557	ug/l	98
39) Methylcyclohexane	9.600	83	163593	45.102	ug/l #	87
40) Benzene	8.612	78	483402	48.988	ug/l	98

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41) Methacrylonitrile	7.783	41	127756	58.659	ug/l #	82
42) 1,2-Dichloroethane	8.677	62	198275	52.245	ug/l	94
43) Isopropyl Acetate	8.694	43	454316	69.235	ug/l #	82
44) Trichloroethene	9.353	130	101673	45.359	ug/l	90
45) 1,2-Dichloropropane	9.624	63	127847	50.215	ug/l	99
46) Dibromomethane	9.712	93	88044	52.673	ug/l	99
47) Bromodichloromethane	9.894	83	181479	51.429	ug/l	95
48) Methyl methacrylate	9.682	41	177862	56.884	ug/l #	82
49) 1,4-Dioxane	9.700	88	57940	1322.393	ug/l #	82
51) 4-Methyl-2-Pentanone	10.447	43	1138121	305.267	ug/l	90
52) Toluene	10.635	92	294595	49.749	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	181915	49.846	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	190474	49.307	ug/l #	82
55) 1,1,2-Trichloroethane	11.018	97	114642	53.273	ug/l	98
56) Ethyl methacrylate	10.876	69	210044	57.490	ug/l #	69
57) 1,3-Dichloropropane	11.165	76	210427	52.298	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	532665	282.651	ug/l	91
59) 2-Hexanone	11.200	43	860404	315.181	ug/l	89
60) Dibromochloromethane	11.365	129	136909	57.650	ug/l	99
61) 1,2-Dibromoethane	11.471	107	118613	53.662	ug/l	98
64) Tetrachloroethene	11.106	164	90218	41.182	ug/l	93
65) Chlorobenzene	11.894	112	309262	47.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	113307	52.682	ug/l	99
67) Ethyl Benzene	11.965	91	558379	47.805	ug/l	97
68) m/p-Xylenes	12.071	106	416019	97.181	ug/l	93
69) o-Xylene	12.400	106	205895	49.652	ug/l	92
70) Styrene	12.412	104	358271	52.015	ug/l	97
71) Bromoform	12.582	173	92818	54.201	ug/l #	98
73) Isopropylbenzene	12.700	105	530200	46.985	ug/l	98
74) N-amyl acetate	12.494	43	334889	53.953	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	175878	54.068	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	147242m	49.251	ug/l	
77) Bromobenzene	12.982	156	127204	47.301	ug/l	86
78) n-propylbenzene	13.041	91	621351	46.499	ug/l	97
79) 2-Chlorotoluene	13.129	91	382974	45.641	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	438505	48.058	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	60848	47.605	ug/l #	74
82) 4-Chlorotoluene	13.223	91	380067	46.327	ug/l	94
83) tert-Butylbenzene	13.441	119	373609	46.803	ug/l	94
84) 1,2,4-Trimethylbenzene	13.488	105	439890	47.122	ug/l	97
85) sec-Butylbenzene	13.617	105	521485	47.131	ug/l	99
86) p-Isopropyltoluene	13.735	119	432441	48.091	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	224918	46.165	ug/l	100
88) 1,4-Dichlorobenzene	13.817	146	223946	45.036	ug/l	97
89) n-Butylbenzene	14.059	91	371961	46.022	ug/l	98
90) Hexachloroethane	14.335	117	79984	48.008	ug/l	94
91) 1,2-Dichlorobenzene	14.112	146	221030	47.928	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	38371	57.413	ug/l	87
93) 1,2,4-Trichlorobenzene	15.394	180	117220	45.345	ug/l	98
94) Hexachlorobutadiene	15.506	225	45718	40.305	ug/l	95
95) Naphthalene	15.641	128	435875	53.804	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	119290	46.096	ug/l	96

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

