

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052324\
 Data File : VN082335.D
 Acq On : 23 May 2024 20:45
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 24 04:26:40 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 :Mahesh Dadoda 05/24/2024
 Supervised By :Semsettin Yesilyurt 05/24/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	211666	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	360747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327939	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	150658	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	165087	49.394	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.780%		
35) Dibromofluoromethane	8.171	113	116228	52.375	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.760%		
50) Toluene-d8	10.571	98	415241	48.806	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.620%		
62) 4-Bromofluorobenzene	12.853	95	159498	52.523	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	105.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	129176	42.329	ug/l	97
3) Chloromethane	2.359	50	139833	40.432	ug/l	99
4) Vinyl Chloride	2.512	62	142042	43.687	ug/l	100
5) Bromomethane	2.942	94	81503	43.611	ug/l	96
6) Chloroethane	3.112	64	96873	45.630	ug/l	99
7) Trichlorofluoromethane	3.495	101	206478	48.497	ug/l	99
8) Diethyl Ether	3.959	74	83028	54.742	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.371	101	106546	42.840	ug/l	99
10) Methyl Iodide	4.583	142	110172	44.065	ug/l	97
11) Tert butyl alcohol	5.524	59	155887	290.559	ug/l	99
12) 1,1-Dichloroethene	4.336	96	113021	48.892	ug/l	85
13) Acrolein	4.177	56	102204	257.071	ug/l	97
14) Allyl chloride	5.024	41	217072	43.860	ug/l #	88
15) Acrylonitrile	5.718	53	367795	264.698	ug/l	99
16) Acetone	4.430	43	342978	250.156	ug/l	90
17) Carbon Disulfide	4.712	76	297513	39.848	ug/l	99
18) Methyl Acetate	5.024	43	183615	53.776	ug/l #	88
19) Methyl tert-butyl Ether	5.795	73	469104	55.518	ug/l	96
20) Methylene Chloride	5.277	84	134599	48.657	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	119462	47.422	ug/l #	79
22) Diisopropyl ether	6.671	45	508398	49.193	ug/l #	91
23) Vinyl Acetate	6.606	43	2084991	255.886	ug/l #	91
24) 1,1-Dichloroethane	6.565	63	258369	48.504	ug/l	96
25) 2-Butanone	7.483	43	539040	259.311	ug/l #	87
26) 2,2-Dichloropropane	7.489	77	174788	39.175	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	152292	51.226	ug/l	86
28) Bromochloromethane	7.818	49	109183	47.032	ug/l #	81
29) Tetrahydrofuran	7.841	42	356791	267.327	ug/l #	86
30) Chloroform	7.965	83	260215	51.155	ug/l	97
31) Cyclohexane	8.259	56	197964	37.085	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	230845	51.153	ug/l	93
36) 1,1-Dichloropropene	8.377	75	171619	46.111	ug/l	97
37) Ethyl Acetate	7.565	43	222788	53.488	ug/l	96
38) Carbon Tetrachloride	8.365	117	188977	50.088	ug/l	97
39) Methylcyclohexane	9.606	83	165721	40.621	ug/l #	90
40) Benzene	8.606	78	553503	49.871	ug/l	96

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41) Methacrylonitrile	7.783	41	126022	51.446	ug/l #	86
42) 1,2-Dichloroethane	8.671	62	218698	51.235	ug/l	95
43) Isopropyl Acetate	8.688	43	407110	55.160	ug/l #	90
44) Trichloroethene	9.353	130	124195	49.262	ug/l	92
45) 1,2-Dichloropropane	9.624	63	143189	50.003	ug/l	99
46) Dibromomethane	9.712	93	99472	52.910	ug/l	99
47) Bromodichloromethane	9.888	83	211369	53.256	ug/l	97
48) Methyl methacrylate	9.682	41	190859	54.271	ug/l #	82
49) 1,4-Dioxane	9.694	88	61489	1247.745	ug/l #	83
51) 4-Methyl-2-Pentanone	10.447	43	1171235	279.307	ug/l	92
52) Toluene	10.630	92	335661	50.397	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	218861	53.319	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	226930	52.229	ug/l #	81
55) 1,1,2-Trichloroethane	11.018	97	130058	53.734	ug/l	99
56) Ethyl methacrylate	10.877	69	241462	58.759	ug/l #	71
57) 1,3-Dichloropropane	11.165	76	237521	52.485	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	583297	275.190	ug/l	93
59) 2-Hexanone	11.200	43	881012	286.937	ug/l	91
60) Dibromochloromethane	11.359	129	156600	58.628	ug/l	98
61) 1,2-Dibromoethane	11.471	107	136171	54.773	ug/l	100
64) Tetrachloroethene	11.106	164	118452	48.732	ug/l	96
65) Chlorobenzene	11.894	112	364046	50.250	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	133313	55.865	ug/l	99
67) Ethyl Benzene	11.965	91	643402	49.646	ug/l	97
68) m/p-Xylenes	12.071	106	476851	100.394	ug/l	93
69) o-Xylene	12.400	106	240774	52.331	ug/l	93
70) Styrene	12.412	104	417492	54.629	ug/l	96
71) Bromoform	12.582	173	108701	57.171	ug/l #	97
73) Isopropylbenzene	12.700	105	596067	49.801	ug/l	98
74) N-amyl acetate	12.494	43	355028	53.926	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.941	83	187752	54.418	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	183742m	57.945	ug/l	
77) Bromobenzene	12.982	156	148152	51.940	ug/l	88
78) n-propylbenzene	13.035	91	678643	47.882	ug/l	97
79) 2-Chlorotoluene	13.129	91	437327	49.138	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	483662	49.975	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	66397	48.975	ug/l #	71
82) 4-Chlorotoluene	13.223	91	432401	49.692	ug/l	95
83) tert-Butylbenzene	13.441	119	410538	48.488	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	501224	50.621	ug/l	97
85) sec-Butylbenzene	13.618	105	552261	47.058	ug/l	98
86) p-Isopropyltoluene	13.729	119	464825	48.736	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	258731	50.068	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	256237	48.583	ug/l	97
89) n-Butylbenzene	14.059	91	399406	46.591	ug/l	98
90) Hexachloroethane	14.335	117	82383	46.620	ug/l	93
91) 1,2-Dichlorobenzene	14.106	146	256271	52.391	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44487	62.757	ug/l	89
93) 1,2,4-Trichlorobenzene	15.394	180	139671	50.940	ug/l	100
94) Hexachlorobutadiene	15.500	225	52906	43.974	ug/l	99
95) Naphthalene	15.641	128	530720	61.765	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	142561	51.938	ug/l	97

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

