

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062524\
 Data File : VN082704.D
 Acq On : 25 Jun 2024 09:23
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/26/2024
 Supervised By : Mahesh Dadoda 06/26/2024

Quant Time: Jun 26 01:16:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N061724W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 18 04:52:44 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	197398	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	321261	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	303584	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	156701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	154367	48.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 97.520%			
35) Dibromofluoromethane	8.165	113	109495	50.241	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.480%			
50) Toluene-d8	10.571	98	415526	50.417	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.840%			
62) 4-Bromofluorobenzene	12.847	95	146745	51.644	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.280%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	123148	44.669	ug/l	100
3) Chloromethane	2.359	50	146341	44.280	ug/l	100
4) Vinyl Chloride	2.512	62	144774	46.031	ug/l	98
5) Bromomethane	2.948	94	84374	41.674	ug/l	99
6) Chloroethane	3.118	64	99374	44.309	ug/l	98
7) Trichlorofluoromethane	3.495	101	186814	45.528	ug/l	95
8) Diethyl Ether	3.959	74	64921	46.458	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	111937	48.703	ug/l	100
10) Methyl Iodide	4.589	142	109068	49.818	ug/l	95
11) Tert butyl alcohol	5.518	59	106490	205.544	ug/l	99
12) 1,1-Dichloroethene	4.342	96	99985	45.492	ug/l	94
13) Acrolein	4.177	56	79138	149.949	ug/l	98
14) Allyl chloride	5.018	41	191108	44.460	ug/l	99
15) Acrylonitrile	5.718	53	319849	233.883	ug/l	99
16) Acetone	4.430	43	286750	199.180	ug/l	100
17) Carbon Disulfide	4.712	76	286252	41.011	ug/l	99
18) Methyl Acetate	5.024	43	169102	48.025	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	383724	51.005	ug/l	97
20) Methylene Chloride	5.277	84	122821	48.526	ug/l	91
21) trans-1,2-Dichloroethene	5.789	96	109823	47.017	ug/l	99
22) Diisopropyl ether	6.671	45	462495	51.305	ug/l	98
23) Vinyl Acetate	6.606	43	1802950	252.214	ug/l	100
24) 1,1-Dichloroethane	6.571	63	239050	48.953	ug/l	99
25) 2-Butanone	7.483	43	464484	226.989	ug/l	99
26) 2,2-Dichloropropane	7.494	77	211311	49.882	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	138111	49.071	ug/l	99
28) Bromochloromethane	7.812	49	116369	52.217	ug/l	99
29) Tetrahydrofuran	7.841	42	312042	249.098	ug/l	99
30) Chloroform	7.965	83	244394	51.305	ug/l	98
31) Cyclohexane	8.259	56	197069	43.137	ug/l	99
32) 1,1,1-Trichloroethane	8.171	97	213658	49.462	ug/l	97
36) 1,1-Dichloropropene	8.371	75	166835	51.208	ug/l	99
37) Ethyl Acetate	7.559	43	187878	45.272	ug/l	99
38) Carbon Tetrachloride	8.365	117	185317	50.473	ug/l	98
39) Methylcyclohexane	9.606	83	174516	50.899	ug/l	96
40) Benzene	8.606	78	524243	52.076	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	107708	50.773	ug/l	99
42) 1,2-Dichloroethane	8.671	62	199956	52.219	ug/l	100
43) Isopropyl Acetate	8.688	43	342330	44.139	ug/l	98
44) Trichloroethene	9.353	130	116576	49.871	ug/l	95
45) 1,2-Dichloropropane	9.624	63	135812	52.413	ug/l	96
46) Dibromomethane	9.712	93	92855	52.864	ug/l	99
47) Bromodichloromethane	9.888	83	198667	53.052	ug/l	95
48) Methyl methacrylate	9.682	41	160755	50.279	ug/l	99
49) 1,4-Dioxane	9.694	88	50895	1017.682	ug/l	100
51) 4-Methyl-2-Pentanone	10.447	43	1030494	259.046	ug/l	99
52) Toluene	10.629	92	327845	53.739	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	205814	53.762	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	213643	53.967	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	121377	54.968	ug/l	98
56) Ethyl methacrylate	10.876	69	202476	55.364	ug/l	99
57) 1,3-Dichloropropane	11.165	76	217009	53.161	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	501088	259.007	ug/l	99
59) 2-Hexanone	11.194	43	773107	255.701	ug/l	100
60) Dibromochloromethane	11.359	129	150322	55.768	ug/l	99
61) 1,2-Dibromoethane	11.471	107	122898	52.789	ug/l	98
64) Tetrachloroethene	11.106	164	117395	46.900	ug/l	100
65) Chlorobenzene	11.894	112	352328	50.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	127290	51.277	ug/l	100
67) Ethyl Benzene	11.965	91	629396	53.059	ug/l	99
68) m/p-Xylenes	12.071	106	483183	109.489	ug/l	99
69) o-Xylene	12.400	106	228390	55.085	ug/l	97
70) Styrene	12.412	104	403520	57.343	ug/l	100
71) Bromoform	12.582	173	104358	53.173	ug/l #	99
73) Isopropylbenzene	12.694	105	595414	50.038	ug/l	100
74) N-amyl acetate	12.494	43	302033	47.561	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	175340	45.175	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	164244m	42.854	ug/l	
77) Bromobenzene	12.982	156	145722	47.577	ug/l	98
78) n-propylbenzene	13.035	91	724113	51.446	ug/l	100
79) 2-Chlorotoluene	13.129	91	432461	48.995	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	506908	52.494	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	74370	46.423	ug/l	97
82) 4-Chlorotoluene	13.223	91	438733	49.757	ug/l	99
83) tert-Butylbenzene	13.441	119	426414	51.841	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	514649	53.128	ug/l	98
85) sec-Butylbenzene	13.617	105	603141	51.630	ug/l	99
86) p-Isopropyltoluene	13.729	119	509833	54.196	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	275021	49.523	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	276347	47.608	ug/l	98
89) n-Butylbenzene	14.059	91	438458	52.544	ug/l	100
90) Hexachloroethane	14.335	117	99537	48.630	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	263391	48.575	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37533	45.692	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	136031	47.575	ug/l	98
94) Hexachlorobutadiene	15.506	225	63027	44.707	ug/l	97
95) Naphthalene	15.641	128	440127	50.034	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	141981	48.726	ug/l	97

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

