

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031424\
 Data File : VN081401.D
 Acq On : 14 Mar 2024 11:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/15/2024
 Supervised By : Mahesh Dadoda 03/15/2024

Quant Time: Mar 15 01:09:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030524W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 06 03:12:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	340353	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	595569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	547809	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	252603	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	246191	50.027	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.060%			
35) Dibromofluoromethane	8.171	113	190858	52.306	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.620%			
50) Toluene-d8	10.571	98	695895	51.018	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.040%			
62) 4-Bromofluorobenzene	12.853	95	249871	51.830	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 103.660%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	221878	49.178	ug/l	99
3) Chloromethane	2.359	50	207448	42.567	ug/l	98
4) Vinyl Chloride	2.518	62	223767	44.014	ug/l	95
5) Bromomethane	2.948	94	140131	41.269	ug/l	93
6) Chloroethane	3.124	64	149297	42.755	ug/l	95
7) Trichlorofluoromethane	3.500	101	358317	47.642	ug/l	96
8) Diethyl Ether	3.965	74	125387	47.320	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.377	101	199477	46.575	ug/l	92
10) Methyl Iodide	4.589	142	205030	52.312	ug/l #	96
11) Tert butyl alcohol	5.512	59	202767	235.639	ug/l	99
12) 1,1-Dichloroethene	4.342	96	177577	44.770	ug/l	94
13) Acrolein	4.177	56	204514	200.714	ug/l	98
14) Allyl chloride	5.024	41	269595	45.800	ug/l #	86
15) Acrylonitrile	5.718	53	503696	224.065	ug/l	97
16) Acetone	4.424	43	362716	208.030	ug/l	99
17) Carbon Disulfide	4.712	76	470460	41.558	ug/l #	95
18) Methyl Acetate	5.024	43	267262	53.538	ug/l	94
19) Methyl tert-butyl Ether	5.794	73	648128	48.180	ug/l	99
20) Methylene Chloride	5.271	84	209721	48.662	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	199469	44.605	ug/l	97
22) Diisopropyl ether	6.671	45	666276	50.961	ug/l #	94
23) Vinyl Acetate	6.600	43	2501613	235.528	ug/l #	94
24) 1,1-Dichloroethane	6.571	63	383389	47.904	ug/l	99
25) 2-Butanone	7.483	43	631019	216.106	ug/l	94
26) 2,2-Dichloropropane	7.488	77	336719	47.603	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	234872	46.327	ug/l	91
28) Bromochloromethane	7.812	49	170904	49.906	ug/l #	73
29) Tetrahydrofuran	7.841	42	437465	219.709	ug/l	91
30) Chloroform	7.965	83	410193	49.390	ug/l	95
31) Cyclohexane	8.259	56	311415	41.798	ug/l #	77
32) 1,1,1-Trichloroethane	8.171	97	361467	49.238	ug/l	94
36) 1,1-Dichloropropene	8.371	75	292061	49.614	ug/l	98
37) Ethyl Acetate	7.559	43	267565	46.497	ug/l	99
38) Carbon Tetrachloride	8.359	117	313762	52.959	ug/l	99
39) Methylcyclohexane	9.600	83	322665	47.628	ug/l	92
40) Benzene	8.606	78	858884	48.881	ug/l	97

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	156149	48.051	ug/l	97
42) 1,2-Dichloroethane	8.677	62	317004	51.168	ug/l	100
43) Isopropyl Acetate	8.688	43	483496	48.004	ug/l	98
44) Trichloroethene	9.353	130	220912	49.849	ug/l	97
45) 1,2-Dichloropropane	9.624	63	225831	51.162	ug/l	99
46) Dibromomethane	9.712	93	157605	50.656	ug/l	92
47) Bromodichloromethane	9.888	83	322344	53.368	ug/l #	99
48) Methyl methacrylate	9.682	41	220451	49.517	ug/l	90
49) 1,4-Dioxane	9.694	88	81150	826.983	ug/l #	88
51) 4-Methyl-2-Pentanone	10.447	43	1423551	243.414	ug/l	97
52) Toluene	10.629	92	535328	50.434	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	341163	52.204	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	365134	51.757	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	215071	51.096	ug/l	97
56) Ethyl methacrylate	10.876	69	319292	52.828	ug/l	91
57) 1,3-Dichloropropane	11.165	76	373873	50.894	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	890461	273.888	ug/l #	88
59) 2-Hexanone	11.194	43	1065736	243.758	ug/l	98
60) Dibromochloromethane	11.359	129	232220	53.570	ug/l	100
61) 1,2-Dibromoethane	11.471	107	215349	49.309	ug/l	98
64) Tetrachloroethene	11.106	164	217391	50.682	ug/l	92
65) Chlorobenzene	11.894	112	566023	49.033	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	216011	51.137	ug/l	96
67) Ethyl Benzene	11.965	91	1050557	50.522	ug/l	99
68) m/p-Xylenes	12.070	106	789799	100.923	ug/l	100
69) o-Xylene	12.400	106	386492	50.959	ug/l	97
70) Styrene	12.412	104	639194	53.182	ug/l	97
71) Bromoform	12.582	173	147694	50.362	ug/l #	91
73) Isopropylbenzene	12.700	105	1022609	50.134	ug/l	98
74) N-amyl acetate	12.494	43	421776	49.281	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	282193	44.829	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	271534m	45.510	ug/l	
77) Bromobenzene	12.982	156	224599	46.441	ug/l	80
78) n-propylbenzene	13.035	91	1256399	52.077	ug/l	98
79) 2-Chlorotoluene	13.129	91	729884	49.494	ug/l	95
80) 1,3,5-Trimethylbenzene	13.176	105	877959	52.069	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	120020	56.140	ug/l	98
82) 4-Chlorotoluene	13.223	91	737780	50.651	ug/l	97
83) tert-Butylbenzene	13.441	119	726646	50.268	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	880337	51.532	ug/l	97
85) sec-Butylbenzene	13.617	105	1071550	51.239	ug/l	96
86) p-Isopropyltoluene	13.729	119	888708	52.991	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	438301	47.996	ug/l	96
88) 1,4-Dichlorobenzene	13.812	146	427742	46.863	ug/l	98
89) n-Butylbenzene	14.059	91	795699	51.736	ug/l	97
90) Hexachloroethane	14.335	117	153942	52.429	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	416466	47.533	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	62249	46.211	ug/l	88
93) 1,2,4-Trichlorobenzene	15.394	180	232458	49.636	ug/l	99
94) Hexachlorobutadiene	15.506	225	88517	45.741	ug/l	98
95) Naphthalene	15.641	128	817452	49.053	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	231427	48.728	ug/l	98

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

