

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101223\
 Data File : VN079561.D
 Acq On : 12 Oct 2023 21:35
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/13/2023
 Supervised By : Mahesh Dadoda 10/13/2023

Quant Time: Oct 13 01:27:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N100523W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 03:34:49 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	235210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	422639	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	387386	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	171962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	191815	50.296	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.600%			
35) Dibromofluoromethane	8.171	113	153556	50.558	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.120%			
50) Toluene-d8	10.571	98	579318	52.715	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.440%			
62) 4-Bromofluorobenzene	12.853	95	188460	53.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.880%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	162615	48.247	ug/l	96
3) Chloromethane	2.365	50	183087	43.535	ug/l	99
4) Vinyl Chloride	2.518	62	205919	47.074	ug/l	99
5) Bromomethane	2.948	94	100664	38.441	ug/l	98
6) Chloroethane	3.112	64	129054	39.132	ug/l	98
7) Trichlorofluoromethane	3.495	101	253960	49.171	ug/l	99
8) Diethyl Ether	3.965	74	93056	50.539	ug/l	67
9) 1,1,2-Trichlorotrifluo...	4.371	101	140926	46.692	ug/l	99
10) Methyl Iodide	4.595	142	157482	60.129	ug/l	97
11) Tert butyl alcohol	5.524	59	121983	212.515	ug/l	99
12) 1,1-Dichloroethene	4.342	96	133830	48.157	ug/l #	81
13) Acrolein	4.183	56	150722	263.710	ug/l	98
14) Allyl chloride	5.030	41	205271	45.772	ug/l	90
15) Acrylonitrile	5.724	53	399115	239.836	ug/l	99
16) Acetone	4.430	43	315278	208.426	ug/l	95
17) Carbon Disulfide	4.712	76	375280	43.292	ug/l	96
18) Methyl Acetate	5.030	43	331108	44.722	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	466981	51.717	ug/l #	91
20) Methylene Chloride	5.277	84	162907	49.170	ug/l #	82
21) trans-1,2-Dichloroethene	5.795	96	151539	46.688	ug/l #	84
22) Diisopropyl ether	6.677	45	522904	51.998	ug/l #	91
23) Vinyl Acetate	6.606	43	1465132	259.011	ug/l #	86
24) 1,1-Dichloroethane	6.577	63	304230	49.432	ug/l	97
25) 2-Butanone	7.489	43	520446	231.813	ug/l #	79
26) 2,2-Dichloropropane	7.489	77	220935	46.973	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	174321	49.437	ug/l	85
28) Bromochloromethane	7.818	49	152927	52.224	ug/l #	74
29) Tetrahydrofuran	7.841	42	350614	241.467	ug/l #	76
30) Chloroform	7.971	83	307163	49.396	ug/l	92
31) Cyclohexane	8.259	56	245569	45.394	ug/l	84
32) 1,1,1-Trichloroethane	8.171	97	261375	49.946	ug/l	95
36) 1,1-Dichloropropene	8.377	75	225745	49.522	ug/l	95
37) Ethyl Acetate	7.565	43	221438	48.819	ug/l #	90
38) Carbon Tetrachloride	8.365	117	224216	49.133	ug/l	98
39) Methylcyclohexane	9.606	83	213079	48.653	ug/l #	87
40) Benzene	8.612	78	684123	50.534	ug/l	100

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41) Methacrylonitrile	7.783	41	112248	47.072	ug/l #	85
42) 1,2-Dichloroethane	8.671	62	244548	49.713	ug/l	98
43) Isopropyl Acetate	8.694	43	407958	51.337	ug/l #	85
44) Trichloroethene	9.353	130	155287	48.735	ug/l	100
45) 1,2-Dichloropropane	9.624	63	179429	50.304	ug/l	98
46) Dibromomethane	9.712	93	116824	50.570	ug/l	96
47) Bromodichloromethane	9.888	83	244309	51.411	ug/l	100
48) Methyl methacrylate	9.683	41	168655	49.528	ug/l #	83
49) 1,4-Dioxane	9.700	88	61088	973.926	ug/l	86
51) 4-Methyl-2-Pentanone	10.447	43	1121703	250.054	ug/l	89
52) Toluene	10.635	92	412121	51.716	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	246878	51.553	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	267212	50.972	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	160668	50.221	ug/l	97
56) Ethyl methacrylate	10.877	69	245410	55.824	ug/l #	82
57) 1,3-Dichloropropane	11.165	76	285883	51.750	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	459168	272.733	ug/l #	88
59) 2-Hexanone	11.200	43	792079	244.694	ug/l	87
60) Dibromochloromethane	11.365	129	172451	53.634	ug/l	99
61) 1,2-Dibromoethane	11.471	107	157524	49.615	ug/l	99
64) Tetrachloroethene	11.106	164	125354	47.039	ug/l	99
65) Chlorobenzene	11.894	112	417422	48.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	159005	50.337	ug/l	98
67) Ethyl Benzene	11.965	91	784286	52.303	ug/l	94
68) m/p-Xylenes	12.077	106	579359	106.337	ug/l	93
69) o-Xylene	12.400	106	277436	51.778	ug/l	92
70) Styrene	12.418	104	467218	55.204	ug/l	98
71) Bromoform	12.582	173	111730	48.329	ug/l #	99
73) Isopropylbenzene	12.700	105	715786	44.742	ug/l	99
74) N-amyl acetate	12.500	43	297756	45.399	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	238134	46.020	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	209753m	42.305	ug/l	
77) Bromobenzene	12.982	156	164095	41.832	ug/l	95
78) n-propylbenzene	13.041	91	833664	46.058	ug/l	98
79) 2-Chlorotoluene	13.129	91	503963	43.511	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	587844	46.598	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	69676	40.775	ug/l	85
82) 4-Chlorotoluene	13.224	91	495334	44.942	ug/l	99
83) tert-Butylbenzene	13.441	119	489674	47.377	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	580750	48.238	ug/l	99
85) sec-Butylbenzene	13.618	105	670152	46.485	ug/l	100
86) p-Isopropyltoluene	13.735	119	536806	48.537	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	287965	46.284	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	279900	43.569	ug/l	99
89) n-Butylbenzene	14.059	91	432486	48.969	ug/l	98
90) Hexachloroethane	14.335	117	109433	48.712	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	279649	46.080	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	37086	40.090	ug/l	94
93) 1,2,4-Trichlorobenzene	15.400	180	88501	47.085	ug/l	97
94) Hexachlorobutadiene	15.506	225	59510	40.651	ug/l	99
95) Naphthalene	15.647	128	229363	39.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	93694	41.772	ug/l	97

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

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