

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120823\
 Data File : VN080428.D
 Acq On : 08 Dec 2023 23:53
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 09 04:31:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N111623W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 17 01:19:32 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/12/2023
 Supervised By :Semsettin Yesilyurt 12/12/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	295825	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	475974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	419074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	207137	42.407	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	84.820%		
35) Dibromofluoromethane	8.165	113	165656	47.168	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.340%		
50) Toluene-d8	10.565	98	595317	47.022	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.040%		
62) 4-Bromofluorobenzene	12.847	95	231938	48.502	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.000%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	184620	41.897	ug/l	98
3) Chloromethane	2.365	50	204602	61.758	ug/l	98
4) Vinyl Chloride	2.512	62	161596	46.091	ug/l	96
5) Bromomethane	2.948	94	65179	27.385	ug/l	94
6) Chloroethane	3.118	64	112340	51.950	ug/l	99
7) Trichlorofluoromethane	3.501	101	324180	44.325	ug/l	99
8) Diethyl Ether	3.959	74	111810	52.567	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.371	101	155612	46.550	ug/l	94
10) Methyl Iodide	4.583	142	124367	34.425	ug/l	93
11) Tert butyl alcohol	5.518	59	150090	279.420	ug/l	99
12) 1,1-Dichloroethene	4.342	96	161221	51.563	ug/l	88
13) Acrolein	4.177	56	142510	299.789	ug/l	99
14) Allyl chloride	5.018	41	222546	56.573	ug/l	96
15) Acrylonitrile	5.718	53	364467	252.753	ug/l	100
16) Acetone	4.424	43	249022	151.787	ug/l	97
17) Carbon Disulfide	4.712	76	400025	42.848	ug/l	98
18) Methyl Acetate	5.018	43	269696	51.164	ug/l	93
19) Methyl tert-butyl Ether	5.789	73	587163	53.176	ug/l	98
20) Methylene Chloride	5.277	84	185290	53.931	ug/l	94
21) trans-1,2-Dichloroethene	5.783	96	171781	50.011	ug/l	87
22) Diisopropyl ether	6.671	45	474553	54.526	ug/l	95
23) Vinyl Acetate	6.600	43	1312892	250.920	ug/l	93
24) 1,1-Dichloroethane	6.565	63	319342	50.378	ug/l	98
25) 2-Butanone	7.483	43	410034	210.357	ug/l	91
26) 2,2-Dichloropropane	7.489	77	276899	44.029	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	207056	53.169	ug/l	93
28) Bromochloromethane	7.812	49	112704	45.225	ug/l	96
29) Tetrahydrofuran	7.836	42	260402	248.834	ug/l	93
30) Chloroform	7.965	83	350015	49.402	ug/l	96
31) Cyclohexane	8.259	56	248910	46.858	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	330474	47.829	ug/l	97
36) 1,1-Dichloropropene	8.371	75	247162	48.608	ug/l	96
37) Ethyl Acetate	7.559	43	171460	48.614	ug/l	100
38) Carbon Tetrachloride	8.365	117	283205	43.890	ug/l	95
39) Methylcyclohexane	9.600	83	251401	51.277	ug/l	92
40) Benzene	8.606	78	730246	50.531	ug/l	99

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41) Methacrylonitrile	7.777	41	105606	54.523	ug/l	92
42) 1,2-Dichloroethane	8.671	62	274158	46.370	ug/l	98
43) Isopropyl Acetate	8.688	43	312956	45.598	ug/l	98
44) Trichloroethene	9.353	130	203092	53.575	ug/l	96
45) 1,2-Dichloropropane	9.624	63	177966	52.991	ug/l	97
46) Dibromomethane	9.706	93	123325	48.511	ug/l #	87
47) Bromodichloromethane	9.888	83	273869	48.974	ug/l	97
48) Methyl methacrylate	9.682	41	182354	51.556	ug/l	90
49) 1,4-Dioxane	9.694	88	52797	897.268	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	876877	246.774	ug/l	100
52) Toluene	10.630	92	461058	50.979	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	295706	51.467	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	313162	53.350	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	175432	50.823	ug/l	97
56) Ethyl methacrylate	10.877	69	200105	56.745	ug/l #	90
57) 1,3-Dichloropropane	11.165	76	313473	52.014	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	634853	319.560	ug/l	98
59) 2-Hexanone	11.194	43	635581	222.595	ug/l	98
60) Dibromochloromethane	11.359	129	203281	49.189	ug/l	100
61) 1,2-Dibromoethane	11.471	107	178026	50.554	ug/l	99
64) Tetrachloroethene	11.106	164	181289	56.684	ug/l	99
65) Chlorobenzene	11.894	112	490039	51.605	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	189482	51.419	ug/l	95
67) Ethyl Benzene	11.965	91	885929	52.430	ug/l	97
68) m/p-Xylenes	12.071	106	656302	106.526	ug/l	90
69) o-Xylene	12.400	106	319570	55.040	ug/l	89
70) Styrene	12.412	104	487655	56.429	ug/l	95
71) Bromoform	12.582	173	137664	50.375	ug/l #	99
73) Isopropylbenzene	12.694	105	835535	54.373	ug/l	99
74) N-amyl acetate	12.494	43	264435	55.182	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	230119	50.035	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	237475m	49.012	ug/l	
77) Bromobenzene	12.982	156	203278	52.469	ug/l	97
78) n-propylbenzene	13.035	91	927295	53.964	ug/l	99
79) 2-Chlorotoluene	13.123	91	594405	53.260	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	708933	52.998	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	75361	52.550	ug/l	93
82) 4-Chlorotoluene	13.223	91	597531	52.262	ug/l	96
83) tert-Butylbenzene	13.441	119	590624	55.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	722481	54.851	ug/l	98
85) sec-Butylbenzene	13.618	105	753679	55.540	ug/l	100
86) p-Isopropyltoluene	13.729	119	693594	57.217	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	348668	49.952	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	347129	49.486	ug/l	97
89) n-Butylbenzene	14.059	91	563260	55.514	ug/l	98
90) Hexachloroethane	14.335	117	77120	32.633	ug/l	71
91) 1,2-Dichlorobenzene	14.106	146	336403	50.363	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	49859	46.673	ug/l	99
93) 1,2,4-Trichlorobenzene	15.394	180	199356	51.316	ug/l	98
94) Hexachlorobutadiene	15.500	225	97286	43.516	ug/l	99
95) Naphthalene	15.641	128	677539	60.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	187349	51.450	ug/l	98

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

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