

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081023\
 Data File : VN078825.D
 Acq On : 10 Aug 2023 09:48
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 10 23:45:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N080723W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 08 05:03:52 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/11/2023
 Supervised By : Mahesh Dadoda 08/11/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	163289	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	287074	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	264415	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	109750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	141043	57.617	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.240%			
35) Dibromofluoromethane	8.171	113	112497	58.029	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.060%			
50) Toluene-d8	10.571	98	438082	61.406	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 122.820%#			
62) 4-Bromofluorobenzene	12.853	95	137981	64.715	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 129.440%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	131663	54.637	ug/l	97
3) Chloromethane	2.371	50	145294	51.689	ug/l	96
4) Vinyl Chloride	2.524	62	147050	55.405	ug/l	95
5) Bromomethane	2.954	94	92897	49.421	ug/l	92
6) Chloroethane	3.124	64	94784	54.313	ug/l	95
7) Trichlorofluoromethane	3.506	101	194133	53.250	ug/l	95
8) Diethyl Ether	3.977	74	70407	52.927	ug/l #	56
9) 1,1,2-Trichlorotrifluo...	4.389	101	108234	56.997	ug/l	98
10) Methyl Iodide	4.606	142	138066	56.622	ug/l	93
11) Tert butyl alcohol	5.530	59	91318	212.554	ug/l	99
12) 1,1-Dichloroethene	4.353	96	103390	54.178	ug/l	91
13) Acrolein	4.195	56	87634	241.080	ug/l	95
14) Allyl chloride	5.030	41	196604	61.874	ug/l #	89
15) Acrylonitrile	5.730	53	295508	264.123	ug/l	99
16) Acetone	4.436	43	333031	353.585	ug/l	92
17) Carbon Disulfide	4.718	76	293444	53.904	ug/l	99
18) Methyl Acetate	5.036	43	210127	49.672	ug/l #	80
19) Methyl tert-butyl Ether	5.806	73	352409	54.667	ug/l	97
20) Methylene Chloride	5.289	84	123010	52.734	ug/l #	79
21) trans-1,2-Dichloroethene	5.794	96	119157	55.797	ug/l	90
22) Diisopropyl ether	6.683	45	430356	56.376	ug/l #	88
23) Vinyl Acetate	6.612	43	1321384	275.836	ug/l #	85
24) 1,1-Dichloroethane	6.577	63	234557	56.505	ug/l	99
25) 2-Butanone	7.489	43	450281	282.319	ug/l #	75
26) 2,2-Dichloropropane	7.494	77	187849	64.802	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	135409	55.228	ug/l	87
28) Bromochloromethane	7.824	49	129933	57.765	ug/l #	71
29) Tetrahydrofuran	7.847	42	274373	257.071	ug/l #	71
30) Chloroform	7.971	83	233221	55.786	ug/l	96
31) Cyclohexane	8.265	56	198402	55.161	ug/l	86
32) 1,1,1-Trichloroethane	8.177	97	200772	56.499	ug/l	92
36) 1,1-Dichloropropene	8.377	75	177485	59.011	ug/l	96
37) Ethyl Acetate	7.571	43	177250	55.429	ug/l #	88
38) Carbon Tetrachloride	8.371	117	180547	58.231	ug/l	91
39) Methylcyclohexane	9.606	83	165846	59.036	ug/l #	82
40) Benzene	8.612	78	520524	57.219	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	100118	56.309	ug/l #	78
42) 1,2-Dichloroethane	8.677	62	183198	56.028	ug/l	99
43) Isopropyl Acetate	8.694	43	289004	53.604	ug/l #	88
44) Trichloroethene	9.359	130	120722	54.185	ug/l	99
45) 1,2-Dichloropropane	9.624	63	136802	56.097	ug/l	95
46) Dibromomethane	9.718	93	89706	55.269	ug/l	96
47) Bromodichloromethane	9.894	83	184542	57.124	ug/l #	94
48) Methyl methacrylate	9.688	41	132930	53.361	ug/l #	79
49) 1,4-Dioxane	9.700	88	42272	1044.991	ug/l	89
51) 4-Methyl-2-Pentanone	10.447	43	893272	270.495	ug/l #	85
52) Toluene	10.635	92	332076	59.772	ug/l	100
53) t-1,3-Dichloropropene	10.841	75	200696	60.801	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	216655	60.414	ug/l #	90
55) 1,1,2-Trichloroethane	11.024	97	123750	56.036	ug/l	94
56) Ethyl methacrylate	10.877	69	181172	56.574	ug/l #	72
57) 1,3-Dichloropropane	11.165	76	222503	57.952	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	363079	315.808	ug/l	89
59) 2-Hexanone	11.200	43	656182	280.618	ug/l	85
60) Dibromochloromethane	11.365	129	135963	58.661	ug/l	99
61) 1,2-Dibromoethane	11.476	107	120005	54.864	ug/l	99
64) Tetrachloroethene	11.106	164	111056	54.510	ug/l	89
65) Chlorobenzene	11.894	112	336471	55.877	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	127385	54.619	ug/l	99
67) Ethyl Benzene	11.971	91	605837	56.484	ug/l	98
68) m/p-Xylenes	12.076	106	459271	116.064	ug/l	97
69) o-Xylene	12.406	106	214511	55.224	ug/l	94
70) Styrene	12.418	104	368860	60.506	ug/l	98
71) Bromoform	12.582	173	87594	53.848	ug/l #	100
73) Isopropylbenzene	12.700	105	564134	52.227	ug/l	100
74) N-amyl acetate	12.500	43	233389	47.632	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.941	83	173196	47.181	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	139893m	47.145	ug/l	
77) Bromobenzene	12.982	156	129218	50.984	ug/l	99
78) n-propylbenzene	13.041	91	634935	53.482	ug/l	100
79) 2-Chlorotoluene	13.129	91	380720	49.916	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	447868	51.759	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	53260	48.164	ug/l #	84
82) 4-Chlorotoluene	13.223	91	374673	53.697	ug/l	98
83) tert-Butylbenzene	13.441	119	373121	51.773	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	433447	52.122	ug/l	99
85) sec-Butylbenzene	13.623	105	494938	52.522	ug/l	99
86) p-Isopropyltoluene	13.735	119	386138	51.533	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	217788	53.803	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	214825	53.538	ug/l	99
89) n-Butylbenzene	14.059	91	290229	51.623	ug/l	98
90) Hexachloroethane	14.341	117	78679	50.662	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	215828	55.348	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	25836	45.884	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	60114	54.866	ug/l	97
94) Hexachlorobutadiene	15.506	225	35778	53.679	ug/l	95
95) Naphthalene	15.647	128	172847	47.262	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	65971	50.565	ug/l	98

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

