

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041824\
 Data File : VN081776.D
 Acq On : 18 Apr 2024 10:20
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 19 01:18:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041524W.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 15 15:37:39 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 04/19/2024
 Supervised By : Mahesh Dadoda 04/19/2024

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	209951	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	371825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	346954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	178907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	168014	56.870	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 113.740%			
35) Dibromofluoromethane	8.165	113	129040	52.555	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.120%			
50) Toluene-d8	10.565	98	483595	53.463	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 106.920%			
62) 4-Bromofluorobenzene	12.847	95	171727	55.557	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 111.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	115816	43.558	ug/l	97
3) Chloromethane	2.359	50	162947	73.779	ug/l	96
4) Vinyl Chloride	2.518	62	185451	56.989	ug/l	99
5) Bromomethane	2.953	94	112806	57.373	ug/l	98
6) Chloroethane	3.118	64	112531	58.326	ug/l	100
7) Trichlorofluoromethane	3.494	101	185766	44.206	ug/l	99
8) Diethyl Ether	3.959	74	68054	46.134	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.371	101	110463	41.969	ug/l	100
10) Methyl Iodide	4.589	142	108501	76.805	ug/l	94
11) Tert butyl alcohol	5.524	59	108187	268.452	ug/l	99
12) 1,1-Dichloroethene	4.336	96	103605	41.534	ug/l	94
13) Acrolein	4.177	56	111115	259.361	ug/l	97
14) Allyl chloride	5.018	41	162700	51.394	ug/l	92
15) Acrylonitrile	5.718	53	292816	263.283	ug/l	98
16) Acetone	4.430	43	192611	234.243	ug/l	95
17) Carbon Disulfide	4.712	76	295899	40.812	ug/l	99
18) Methyl Acetate	5.024	43	118241	51.412	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	394839	54.384	ug/l	94
20) Methylene Chloride	5.277	84	128233	52.846	ug/l	98
21) trans-1,2-Dichloroethene	5.788	96	118055	47.120	ug/l	93
22) Diisopropyl ether	6.671	45	390904	56.742	ug/l #	96
23) Vinyl Acetate	6.600	43	1590833	295.831	ug/l	96
24) 1,1-Dichloroethane	6.571	63	227949	50.290	ug/l	98
25) 2-Butanone	7.482	43	364329	268.771	ug/l	98
26) 2,2-Dichloropropane	7.488	77	206873	52.357	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	151618	49.470	ug/l	96
28) Bromochloromethane	7.806	49	101470	52.434	ug/l	100
29) Tetrahydrofuran	7.835	42	258571	294.839	ug/l	99
30) Chloroform	7.971	83	262860	51.142	ug/l	99
31) Cyclohexane	8.259	56	190960	47.118	ug/l	91
32) 1,1,1-Trichloroethane	8.165	97	224814	49.326	ug/l	97
36) 1,1-Dichloropropene	8.371	75	172302	50.367	ug/l	98
37) Ethyl Acetate	7.559	43	168027	59.774	ug/l	100
38) Carbon Tetrachloride	8.365	117	197622	49.654	ug/l	96
39) Methylcyclohexane	9.600	83	191694	47.565	ug/l	90
40) Benzene	8.606	78	545618	51.202	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86242	56.517	ug/l	98
42) 1,2-Dichloroethane	8.671	62	204409	55.027	ug/l	98
43) Isopropyl Acetate	8.688	43	279249	53.248	ug/l	98
44) Trichloroethene	9.353	130	132048	47.651	ug/l	93
45) 1,2-Dichloropropane	9.623	63	133644	54.397	ug/l	97
46) Dibromomethane	9.712	93	107582	52.465	ug/l	97
47) Bromodichloromethane	9.888	83	216129	55.176	ug/l	96
48) Methyl methacrylate	9.682	41	127783	59.782	ug/l	97
49) 1,4-Dioxane	9.700	88	57009	1063.420	ug/l #	85
51) 4-Methyl-2-Pentanone	10.447	43	883941	303.038	ug/l	97
52) Toluene	10.635	92	349613	51.651	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	222374	56.989	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	225447	54.237	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	140590	55.291	ug/l	94
56) Ethyl methacrylate	10.876	69	210535	60.177	ug/l	97
57) 1,3-Dichloropropane	11.165	76	232185	54.553	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	529790	286.191	ug/l	98
59) 2-Hexanone	11.194	43	653139	309.311	ug/l	99
60) Dibromochloromethane	11.359	129	169742	55.231	ug/l	100
61) 1,2-Dibromoethane	11.470	107	139789	52.704	ug/l	99
64) Tetrachloroethene	11.106	164	143103	48.614	ug/l	97
65) Chlorobenzene	11.894	112	383838	48.079	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	138565	50.878	ug/l	99
67) Ethyl Benzene	11.965	91	661682	52.654	ug/l	100
68) m/p-Xylenes	12.070	106	526963	107.836	ug/l	99
69) o-Xylene	12.400	106	251953	53.800	ug/l	100
70) Styrene	12.412	104	433999	56.568	ug/l	99
71) Bromoform	12.576	173	107062	50.946	ug/l #	100
73) Isopropylbenzene	12.700	105	639724	47.684	ug/l	99
74) N-amyl acetate	12.494	43	249159	51.030	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	186412	47.294	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	173090m	53.391	ug/l	
77) Bromobenzene	12.982	156	158442	46.323	ug/l	94
78) n-propylbenzene	13.035	91	765107	49.146	ug/l	98
79) 2-Chlorotoluene	13.129	91	454655	46.853	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	548558	50.054	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	78683	53.813	ug/l	95
82) 4-Chlorotoluene	13.223	91	464388	48.442	ug/l	98
83) tert-Butylbenzene	13.441	119	453465	47.242	ug/l	96
84) 1,2,4-Trimethylbenzene	13.482	105	567101	51.300	ug/l	98
85) sec-Butylbenzene	13.617	105	669792	50.005	ug/l	98
86) p-Isopropyltoluene	13.729	119	562069	51.196	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	304784	47.676	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	307615	47.188	ug/l	98
89) n-Butylbenzene	14.059	91	482024	50.216	ug/l	98
90) Hexachloroethane	14.335	117	107133	45.841	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	301615	48.746	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	41722	57.328	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	166612	51.117	ug/l	98
94) Hexachlorobutadiene	15.500	225	62561	44.526	ug/l	98
95) Naphthalene	15.641	128	569794	54.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	171006	51.315	ug/l	98

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

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