

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061523\
 Data File : VN078244.D
 Acq On : 15 Jun 2023 21:34
 Operator : JC\MD
 Sample : 03231-02MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 FSND-MW-EVAL-4S-06122023MS

Quant Time: Jun 16 06:13:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/16/2023
 Supervised By : Mahesh Dadoda 06/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	377061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	696148	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	607171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	237792	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	270397	53.785	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.560%			
35) Dibromofluoromethane	8.177	113	226223	51.395	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.800%			
50) Toluene-d8	10.570	98	851592	50.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	12.853	95	269842	51.153	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 102.300%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	178442	41.865	ug/l	97
3) Chloromethane	2.371	50	199624	49.775	ug/l	98
4) Vinyl Chloride	2.518	62	261717	46.892	ug/l	100
5) Bromomethane	2.953	94	191848	45.484	ug/l	93
6) Chloroethane	3.124	64	186314	48.969	ug/l	97
7) Trichlorofluoromethane	3.500	101	353237	46.671	ug/l	98
8) Diethyl Ether	3.971	74	121741	45.778	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.383	101	189469	47.434	ug/l	99
10) Methyl Iodide	4.600	142	263179	46.590	ug/l	99
11) Tert butyl alcohol	5.530	59	157035	226.218	ug/l	99
12) 1,1-Dichloroethene	4.347	96	190843	46.349	ug/l	94
13) Acrolein	4.189	56	192992	252.253	ug/l	95
14) Allyl chloride	5.036	41	246529	49.048	ug/l	93
15) Acrylonitrile	5.730	53	483638	270.235	ug/l	98
16) Acetone	4.441	43	370052	255.726	ug/l	94
17) Carbon Disulfide	4.724	76	445976	42.080	ug/l	99
18) Methyl Acetate	5.036	43	314580	47.218	ug/l	92
19) Methyl tert-butyl Ether	5.806	73	652471	49.666	ug/l	98
20) Methylene Chloride	5.283	84	223503	46.740	ug/l	93
21) trans-1,2-Dichloroethene	5.794	96	207274	46.673	ug/l	82
22) Diisopropyl ether	6.683	45	620700	52.500	ug/l	94
23) Vinyl Acetate	6.618	43	1714984	244.020	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	395985	50.772	ug/l	98
25) 2-Butanone	7.494	43	595924	267.798	ug/l	88
26) 2,2-Dichloropropane	7.500	77	255540	44.374	ug/l	96
27) cis-1,2-Dichloroethene	7.494	96	253933	47.936	ug/l	95
28) Bromochloromethane	7.824	49	202318	56.498	ug/l	88
29) Tetrahydrofuran	7.841	42	392896	264.113	ug/l	84
30) Chloroform	7.977	83	431888	51.425	ug/l	94
31) Cyclohexane	8.265	56	300787	46.641	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	376151	51.016	ug/l	94
36) 1,1-Dichloropropene	8.377	75	305194	48.339	ug/l	97
37) Ethyl Acetate	7.571	43	243412	49.351	ug/l #	93
38) Carbon Tetrachloride	8.371	117	330786	49.618	ug/l	96
39) Methylcyclohexane	9.606	83	279828	42.767	ug/l	90
40) Benzene	8.612	78	940045	49.873	ug/l	98

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41) Methacrylonitrile	7.788	41	134164	50.184	ug/l	93
42) 1,2-Dichloroethane	8.677	62	333662	51.629	ug/l	96
43) Isopropyl Acetate	8.694	43	437595	46.391	ug/l #	93
44) Trichloroethene	9.359	130	688777	138.370	ug/l	99
45) 1,2-Dichloropropane	9.629	63	244450	52.126	ug/l	96
46) Dibromomethane	9.718	93	173586	50.253	ug/l	98
47) Bromodichloromethane	9.894	83	335576	52.300	ug/l	95
48) Methyl methacrylate	9.688	41	204782	51.733	ug/l	91
49) 1,4-Dioxane	9.706	88	81408	978.481	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1340593	269.893	ug/l	92
52) Toluene	10.635	92	590143	49.589	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	340721	50.989	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	355102	48.073	ug/l	94
55) 1,1,2-Trichloroethane	11.023	97	237498	52.755	ug/l	93
56) Ethyl methacrylate	10.882	69	343808	52.449	ug/l	93
57) 1,3-Dichloropropane	11.170	76	399762	52.607	ug/l	97
59) 2-Hexanone	11.200	43	931787	269.414	ug/l	93
60) Dibromochloromethane	11.365	129	255578	51.881	ug/l	99
61) 1,2-Dibromoethane	11.476	107	239616	50.719	ug/l	97
64) Tetrachloroethene	11.112	164	184650	45.585	ug/l	96
65) Chlorobenzene	11.900	112	629976	48.449	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	238786	49.930	ug/l	98
67) Ethyl Benzene	11.970	91	1106357	49.311	ug/l	100
68) m/p-Xylenes	12.076	106	833628	97.494	ug/l	95
69) o-Xylene	12.406	106	424334	50.536	ug/l	98
70) Styrene	12.417	104	673253	50.930	ug/l	98
71) Bromoform	12.582	173	158271	51.281	ug/l #	100
73) Isopropylbenzene	12.700	105	1023601	45.521	ug/l	100
74) N-amyl acetate	12.500	43	331090	44.713	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	333905	54.194	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	266304m	47.372	ug/l	
77) Bromobenzene	12.988	156	236996	45.402	ug/l	99
78) n-propylbenzene	13.041	91	1149973	47.071	ug/l	99
79) 2-Chlorotoluene	13.129	91	710699	45.066	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	828709	45.520	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	88409	48.318	ug/l #	82
82) 4-Chlorotoluene	13.229	91	678920	46.128	ug/l	99
83) tert-Butylbenzene	13.441	119	700997	44.296	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	830952	47.078	ug/l	99
85) sec-Butylbenzene	13.623	105	873261	42.160	ug/l	99
86) p-Isopropyltoluene	13.735	119	720892	42.888	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	387932	43.936	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	384091	45.081	ug/l	100
89) n-Butylbenzene	14.064	91	545557	41.150	ug/l	97
90) Hexachloroethane	14.341	117	136302	45.694	ug/l	94
91) 1,2-Dichlorobenzene	14.111	146	397649	46.081	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	50574	45.407	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	124357	40.447	ug/l	97
94) Hexachlorobutadiene	15.505	225	62590	41.051	ug/l	97
95) Naphthalene	15.647	128	390699	37.777	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	137597	40.014	ug/l	99

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

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