

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021323\
 Data File : VN076644.D
 Acq On : 13 Feb 2023 21:56
 Operator : JC\MD
 Sample : 01532-07MS
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 OWBR-02-160-180-021023MS

Quant Time: Feb 14 05:28:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/14/2023
 Supervised By : Mahesh Dadoda 02/14/2023

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	318985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	569933	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	530523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	267458	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	207078	47.013	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.020%		
35) Dibromofluoromethane	8.172	113	173464	46.475	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	92.960%		
50) Toluene-d8	10.572	98	681565	48.897	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.854	95	231295	50.101	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	171954	50.768	ug/l	93
3) Chloromethane	2.378	50	200417	45.353	ug/l	98
4) Vinyl Chloride	2.525	62	212065	48.760	ug/l	97
5) Bromomethane	2.949	94	131216	49.793	ug/l	97
6) Chloroethane	3.125	64	142530	51.856	ug/l	99
7) Trichlorofluoromethane	3.507	101	280262	47.361	ug/l	93
8) Diethyl Ether	3.972	74	113469	49.762	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.390	101	163488	47.019	ug/l	99
10) Methyl Iodide	4.601	142	228297	53.168	ug/l	98
11) Tert butyl alcohol	5.531	59	127609	219.483	ug/l #	85
12) 1,1-Dichloroethene	4.354	96	157409	47.808	ug/l	86
13) Acrolein	4.190	56	214258	245.463	ug/l	99
14) Allyl chloride	5.037	41	283047	49.615	ug/l	99
15) Acrylonitrile	5.731	53	503189	243.867	ug/l	100
16) Acetone	4.443	43	387079	196.733	ug/l	93
17) Carbon Disulfide	4.725	76	435813	50.133	ug/l	96
18) Methyl Acetate	5.043	43	304579	47.425	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	572133	51.541	ug/l	95
20) Methylene Chloride	5.290	84	195374	47.380	ug/l	95
21) trans-1,2-Dichloroethene	5.801	96	177694	47.944	ug/l	93
22) Diisopropyl ether	6.678	45	702814	52.524	ug/l	98
23) Vinyl Acetate	6.613	43	2212025	279.404	ug/l	99
24) 1,1-Dichloroethane	6.578	63	357204	48.709	ug/l	97
25) 2-Butanone	7.489	43	678045	233.627	ug/l	99
26) 2,2-Dichloropropane	7.501	77	240547	45.476	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	213719	48.617	ug/l	98
28) Bromochloromethane	7.819	49	171971	49.271	ug/l	93
29) Tetrahydrofuran	7.842	42	461749	243.514	ug/l	100
30) Chloroform	7.972	83	368775	50.331	ug/l	100
31) Cyclohexane	8.266	56	340144	49.229	ug/l	97
32) 1,1,1-Trichloroethane	8.178	97	312531	50.731	ug/l	98
36) 1,1-Dichloropropene	8.378	75	273460	50.710	ug/l	100
37) Ethyl Acetate	7.566	43	275862	48.620	ug/l	98
38) Carbon Tetrachloride	8.366	117	260953	47.969	ug/l	97
39) Methylcyclohexane	9.607	83	326011	53.185	ug/l	99
40) Benzene	8.613	78	834128	50.368	ug/l	98

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41) Methacrylonitrile	7.784	41	162379	49.401	ug/l	97
42) 1,2-Dichloroethane	8.678	62	283788	49.134	ug/l	99
43) Isopropyl Acetate	8.695	43	471843	51.106	ug/l	99
44) Trichloroethene	9.354	130	196211	50.138	ug/l	96
45) 1,2-Dichloropropane	9.625	63	219252	50.013	ug/l	98
46) Dibromomethane	9.713	93	141741	50.574	ug/l	97
47) Bromodichloromethane	9.889	83	285639	50.835	ug/l	97
48) Methyl methacrylate	9.683	41	226334	51.662	ug/l	98
49) 1,4-Dioxane	9.701	88	72757	960.046	ug/l	100
51) 4-Methyl-2-Pentanone	10.448	43	1482706	252.409	ug/l	100
52) Toluene	10.630	92	534915	53.500	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	289732	53.422	ug/l	99
54) cis-1,3-Dichloropropene	10.319	75	315133	50.374	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	208678	51.328	ug/l	98
56) Ethyl methacrylate	10.877	69	312369	54.584	ug/l	98
57) 1,3-Dichloropropane	11.166	76	357781	51.222	ug/l	100
59) 2-Hexanone	11.195	43	1055326	249.161	ug/l	99
60) Dibromochloromethane	11.360	129	219716	51.277	ug/l	99
61) 1,2-Dibromoethane	11.472	107	206671	50.786	ug/l	97
64) Tetrachloroethene	11.107	164	161447	48.289	ug/l	97
65) Chlorobenzene	11.895	112	554425	49.312	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.966	131	203917	49.933	ug/l	98
67) Ethyl Benzene	11.966	91	1017727	53.132	ug/l	98
68) m/p-Xylenes	12.072	106	793950	107.533	ug/l	98
69) o-Xylene	12.401	106	393830	54.693	ug/l	98
70) Styrene	12.413	104	646882	55.554	ug/l	100
71) Bromoform	12.583	173	157461	52.565	ug/l #	98
73) Isopropylbenzene	12.695	105	1013984	51.724	ug/l	99
74) N-amyl acetate	12.495	43	429400	48.595	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	313747	44.214	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	269621m	49.863	ug/l	
77) Bromobenzene	12.983	156	241139	49.302	ug/l	97
78) n-propylbenzene	13.036	91	1207687	52.463	ug/l	99
79) 2-Chlorotoluene	13.130	91	694517	49.275	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	864352	53.351	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	87112	46.922	ug/l	95
82) 4-Chlorotoluene	13.130	91	694517	49.275	ug/l	100
83) tert-Butylbenzene	13.442	119	756059	51.586	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	866939	53.692	ug/l	99
85) sec-Butylbenzene	13.618	105	1088309	53.186	ug/l	100
86) p-Isopropyltoluene	13.730	119	904493	55.355	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	452509	48.943	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	451878	49.080	ug/l	99
89) n-Butylbenzene	14.060	91	772505	54.358	ug/l	100
90) Hexachloroethane	14.336	117	162932	47.623	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	462988	48.846	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	57311	41.687	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	245576	51.940	ug/l	100
94) Hexachlorobutadiene	15.507	225	106688	46.040	ug/l	97
95) Naphthalene	15.642	128	793935	55.336	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	245218	53.533	ug/l	99

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

