

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077037.D
 Acq On : 17 Mar 2023 16:42
 Operator : JC\MD
 Sample : VN0317WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0317WBS01

Quant Time: Mar 18 02:30:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 02:17:37 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/20/2023
 Supervised By : Mahesh Dadoda 03/20/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	375125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	669152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	592705	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	260658	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	266132	44.415	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.820%
35) Dibromofluoromethane	8.172	113	202120	43.131	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.260%
50) Toluene-d8	10.572	98	757984	45.281	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.560%
62) 4-Bromofluorobenzene	12.854	95	270138	45.669	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.340%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.137	85	70946	19.292	ug/l	98
3) Chloromethane	2.378	50	59270	15.682	ug/l	94
4) Vinyl Chloride	2.525	62	72167	17.690	ug/l	94
5) Bromomethane	2.972	94	52830	19.172	ug/l	100
6) Chloroethane	3.131	64	45046	17.450	ug/l	97
7) Trichlorofluoromethane	3.507	101	163578	18.638	ug/l	95
8) Diethyl Ether	3.978	74	61898	18.740	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.384	101	91385	18.356	ug/l	100
10) Methyl Iodide	4.601	142	104223	18.587	ug/l	95
11) Tert butyl alcohol	5.537	59	87510	100.225	ug/l	98
12) 1,1-Dichloroethene	4.354	96	84545	18.564	ug/l	98
13) Acrolein	4.195	56	114983	106.471	ug/l	98
14) Allyl chloride	5.037	41	157388	18.877	ug/l	99
15) Acrylonitrile	5.731	53	283607	96.620	ug/l	99
16) Acetone	4.442	43	250091	93.671	ug/l	99
17) Carbon Disulfide	4.725	76	235088	17.703	ug/l	99
18) Methyl Acetate	5.037	43	193165	19.186	ug/l	99
19) Methyl tert-butyl Ether	5.813	73	311630	19.065	ug/l	98
20) Methylene Chloride	5.289	84	109445	18.888	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	91089	18.453	ug/l	96
22) Diisopropyl ether	6.684	45	358852	19.644	ug/l	99
23) Vinyl Acetate	6.613	43	1143276	99.178	ug/l	99
24) 1,1-Dichloroethane	6.584	63	194436	18.601	ug/l	99
25) 2-Butanone	7.489	43	381429	97.661	ug/l	99
26) 2,2-Dichloropropane	7.501	77	148029	18.821	ug/l	100
27) cis-1,2-Dichloroethene	7.495	96	110017	19.460	ug/l	98
28) Bromochloromethane	7.825	49	78351	17.260	ug/l	99
29) Tetrahydrofuran	7.848	42	254756	100.659	ug/l	100
30) Chloroform	7.972	83	192317	18.955	ug/l	95
31) Cyclohexane	8.266	56	188591	19.237	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	159357	18.377	ug/l	99
36) 1,1-Dichloropropene	8.378	75	144220	19.704	ug/l	99
37) Ethyl Acetate	7.572	43	155509	19.857	ug/l	98
38) Carbon Tetrachloride	8.372	117	133978	18.793	ug/l	99
39) Methylcyclohexane	9.607	83	167925	19.601	ug/l	99
40) Benzene	8.613	78	424589	19.127	ug/l	98

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41) Methacrylonitrile	7.783	41	84265	20.427	ug/l	95
42) 1,2-Dichloroethane	8.678	62	150932	18.816	ug/l	99
43) Isopropyl Acetate	8.695	43	242351	19.810	ug/l	100
44) Trichloroethene	9.360	130	92906	18.221	ug/l	97
45) 1,2-Dichloropropane	9.624	63	113543	19.259	ug/l	97
46) Dibromomethane	9.713	93	70440	18.945	ug/l	98
47) Bromodichloromethane	9.889	83	147689	18.939	ug/l	97
48) Methyl methacrylate	9.683	41	117760	20.135	ug/l	99
49) 1,4-Dioxane	9.701	88	42379	424.251	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	775242	101.762	ug/l	100
52) Toluene	10.636	92	265078	20.000	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	148118	19.379	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	166734	19.334	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	100713	19.270	ug/l	97
56) Ethyl methacrylate	10.877	69	156857	19.959	ug/l	99
57) 1,3-Dichloropropane	11.166	76	181326	18.950	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	334352	99.791	ug/l	100
59) 2-Hexanone	11.201	43	557979	100.982	ug/l	98
60) Dibromochloromethane	11.360	129	99874	19.024	ug/l	98
61) 1,2-Dibromoethane	11.471	107	96278	18.576	ug/l	99
64) Tetrachloroethene	11.107	164	76340	19.191	ug/l	94
65) Chlorobenzene	11.895	112	256855	18.835	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	93565	18.542	ug/l	98
67) Ethyl Benzene	11.966	91	480622	19.403	ug/l	100
68) m/p-Xylenes	12.077	106	364387	39.665	ug/l	100
69) o-Xylene	12.401	106	180690	19.795	ug/l	99
70) Styrene	12.418	104	286102	20.132	ug/l	99
71) Bromoform	12.583	173	64806	18.953	ug/l #	100
73) Isopropylbenzene	12.701	105	461387	19.752	ug/l	100
74) N-amyl acetate	12.495	43	199501	19.732	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.942	83	156576	18.502	ug/l	99
76) 1,2,3-Trichloropropane	13.001	75	138024m	20.471	ug/l	
77) Bromobenzene	12.983	156	100861	19.275	ug/l	96
78) n-propylbenzene	13.042	91	538342	19.964	ug/l	99
79) 2-Chlorotoluene	13.130	91	339320	19.748	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	398818	20.449	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	43899	17.922	ug/l #	84
82) 4-Chlorotoluene	13.224	91	321017	19.647	ug/l	100
83) tert-Butylbenzene	13.442	119	325701	19.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	393133	20.200	ug/l	99
85) sec-Butylbenzene	13.618	105	475238	20.402	ug/l	100
86) p-Isopropyltoluene	13.736	119	386275	20.650	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	184175	18.623	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	177924	18.082	ug/l	99
89) n-Butylbenzene	14.060	91	321798	19.610	ug/l	100
90) Hexachloroethane	14.336	117	68632	18.046	ug/l	99
91) 1,2-Dichlorobenzene	14.112	146	182991	18.563	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	30179	19.245	ug/l	97
93) 1,2,4-Trichlorobenzene	15.401	180	87227	19.573	ug/l	100
94) Hexachlorobutadiene	15.501	225	46235	18.839	ug/l	98
95) Naphthalene	15.648	128	285238	17.753	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	87787	19.632	ug/l	98

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

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