

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020823\
 Data File : VN076575.D
 Acq On : 08 Feb 2023 13:21
 Operator : JC\MD
 Sample : VN0208WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0208WBSD01

Quant Time: Feb 09 00:45:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 09:04:43 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/09/2023
 Supervised By : Semsettin Yesilyurt 02/09/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	595752	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	887400	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	875450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	398150	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	303117	43.107	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.220%		
35) Dibromofluoromethane	8.171	113	320368	58.076	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.160%		
50) Toluene-d8	10.570	98	1216719	58.629	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	117.260%#		
62) 4-Bromofluorobenzene	12.853	95	432427	59.147	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	118.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	123968	20.030	ug/l	99
3) Chloromethane	2.371	50	72950	12.825	ug/l	97
4) Vinyl Chloride	2.530	62	73031	13.983	ug/l	98
5) Bromomethane	2.959	94	56692	14.631	ug/l	98
6) Chloroethane	3.130	64	44227	14.000	ug/l	97
7) Trichlorofluoromethane	3.512	101	154386	14.997	ug/l	96
8) Diethyl Ether	3.977	74	67649	17.354	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.388	101	105484	16.540	ug/l	98
10) Methyl Iodide	4.606	142	159125	17.059	ug/l	97
11) Tert butyl alcohol	5.535	59	83666	91.350	ug/l #	89
12) 1,1-Dichloroethene	4.353	96	99295	16.667	ug/l	92
13) Acrolein	4.194	56	109749	89.698	ug/l	99
14) Allyl chloride	5.041	41	147173	18.968	ug/l	93
15) Acrylonitrile	5.735	53	255472	92.953	ug/l	99
16) Acetone	4.447	43	174908	75.448	ug/l	94
17) Carbon Disulfide	4.730	76	277130	17.956	ug/l	97
18) Methyl Acetate	5.047	43	136945	18.670	ug/l	98
19) Methyl tert-butyl Ether	5.806	73	359511	18.145	ug/l	95
20) Methylene Chloride	5.288	84	130439	18.252	ug/l	97
21) trans-1,2-Dichloroethene	5.794	96	119700	18.485	ug/l	97
22) Diisopropyl ether	6.682	45	326781	18.582	ug/l	99
23) Vinyl Acetate	6.618	43	1016579	92.388	ug/l	99
24) 1,1-Dichloroethane	6.577	63	201923	17.881	ug/l	99
25) 2-Butanone	7.488	43	306564	91.998	ug/l	96
26) 2,2-Dichloropropane	7.500	77	168194	17.843	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	141191	18.645	ug/l	99
28) Bromochloromethane	7.824	49	87632	19.368	ug/l	100
29) Tetrahydrofuran	7.847	42	198574	92.720	ug/l	98
30) Chloroform	7.971	83	220214	17.977	ug/l	99
31) Cyclohexane	8.259	56	200801	18.068	ug/l	93
32) 1,1,1-Trichloroethane	8.176	97	197765	18.017	ug/l	92
36) 1,1-Dichloropropene	8.376	75	163425	20.749	ug/l	100
37) Ethyl Acetate	7.571	43	123380	20.909	ug/l	97
38) Carbon Tetrachloride	8.371	117	173127	20.444	ug/l	98
39) Methylcyclohexane	9.606	83	210533	21.524	ug/l	99
40) Benzene	8.612	78	467205	19.569	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	66492	19.901	ug/l	96
42) 1,2-Dichloroethane	8.676	62	136779	17.596	ug/l	96
43) Isopropyl Acetate	8.694	43	183763	18.715	ug/l	96
44) Trichloroethene	9.359	130	125666	19.711	ug/l	99
45) 1,2-Dichloropropane	9.623	63	123662	21.566	ug/l	97
46) Dibromomethane	9.712	93	83597	20.210	ug/l	98
47) Bromodichloromethane	9.894	83	169835	20.417	ug/l	97
48) Methyl methacrylate	9.688	41	98774	20.455	ug/l	99
49) 1,4-Dioxane	9.694	88	47038	455.358	ug/l	99
51) 4-Methyl-2-Pentanone	10.447	43	611897	103.690	ug/l	97
52) Toluene	10.635	92	334632	21.718	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	169495	21.089	ug/l	99
54) cis-1,3-Dichloropropene	10.317	75	196993	21.494	ug/l	96
55) 1,1,2-Trichloroethane	11.017	97	125878	20.859	ug/l	96
56) Ethyl methacrylate	10.876	69	179561	22.232	ug/l	95
57) 1,3-Dichloropropane	11.164	76	209308	21.427	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	280697	121.615	ug/l	99
59) 2-Hexanone	11.200	43	447427	106.351	ug/l	98
60) Dibromochloromethane	11.364	129	134144	21.093	ug/l	99
61) 1,2-Dibromoethane	11.470	107	126219	21.130	ug/l	98
64) Tetrachloroethene	11.106	164	138341	18.978	ug/l	98
65) Chlorobenzene	11.894	112	349103	19.283	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.964	131	128171	19.118	ug/l	100
67) Ethyl Benzene	11.964	91	631433	19.625	ug/l	100
68) m/p-Xylenes	12.076	106	496284	39.590	ug/l	100
69) o-Xylene	12.400	106	244168	19.891	ug/l	100
70) Styrene	12.411	104	398771	20.425	ug/l	100
71) Bromoform	12.582	173	91765	19.609	ug/l #	99
73) Isopropylbenzene	12.700	105	630646	19.340	ug/l	99
74) N-amyl acetate	12.494	43	175616	19.313	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	172196	19.266	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	138182m	18.602	ug/l	
77) Bromobenzene	12.982	156	142763	18.823	ug/l	99
78) n-propylbenzene	13.041	91	704724	19.628	ug/l	100
79) 2-Chlorotoluene	13.129	91	434636	19.003	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	545420	20.154	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	49892	20.623	ug/l	93
82) 4-Chlorotoluene	13.129	91	434636	19.003	ug/l	100
83) tert-Butylbenzene	13.441	119	482921	19.923	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	529263	19.652	ug/l	100
85) sec-Butylbenzene	13.617	105	646134	19.767	ug/l	100
86) p-Isopropyltoluene	13.729	119	536864	20.042	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	262214	18.784	ug/l	99
88) 1,4-Dichlorobenzene	13.811	146	258307	18.216	ug/l	99
89) n-Butylbenzene	14.058	91	408879	19.276	ug/l	99
90) Hexachloroethane	14.335	117	88178	18.898	ug/l	99
91) 1,2-Dichlorobenzene	14.105	146	259527	18.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28021	18.115	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	115318	18.286	ug/l	99
94) Hexachlorobutadiene	15.505	225	69065	19.476	ug/l	100
95) Naphthalene	15.641	128	321128	17.503	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	112566	18.638	ug/l	100

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

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