

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078195.D
 Acq On : 14 Jun 2023 10:43
 Operator : JC\MD
 Sample : VN0614WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0614WBS01

Quant Time: Jun 15 02:39:52 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 06/15/2023
 Supervised By : Mahesh Dadoda 06/15/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	411032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	736527	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	238284	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	286176	52.219	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.440%			
35) Dibromofluoromethane	8.177	113	237628	51.026	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 102.060%			
50) Toluene-d8	10.571	98	911184	50.754	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.500%			
62) 4-Bromofluorobenzene	12.853	95	274115	49.114	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.220%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	76802	16.530	ug/l	98
3) Chloromethane	2.371	50	83970	18.044	ug/l	96
4) Vinyl Chloride	2.524	62	107708	17.703	ug/l	98
5) Bromomethane	2.965	94	81537	17.733	ug/l	97
6) Chloroethane	3.130	64	78673	18.969	ug/l	99
7) Trichlorofluoromethane	3.506	101	149863	18.164	ug/l	96
8) Diethyl Ether	3.977	74	52536	18.122	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.389	101	84806	19.477	ug/l	100
10) Methyl Iodide	4.600	142	108634	17.642	ug/l	98
11) Tert butyl alcohol	5.524	59	71782	94.860	ug/l	98
12) 1,1-Dichloroethene	4.348	96	76586	17.063	ug/l	85
13) Acrolein	4.189	56	108943	130.627	ug/l	97
14) Allyl chloride	5.030	41	104368	19.048	ug/l	92
15) Acrylonitrile	5.730	53	189252	97.006	ug/l	99
16) Acetone	4.436	43	176263	111.740	ug/l	92
17) Carbon Disulfide	4.718	76	197980	17.137	ug/l	97
18) Methyl Acetate	5.036	43	138478	19.068	ug/l	93
19) Methyl tert-butyl Ether	5.806	73	269352	18.808	ug/l	96
20) Methylene Chloride	5.283	84	96011	18.419	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	84531	17.461	ug/l	88
22) Diisopropyl ether	6.683	45	253780	19.691	ug/l	94
23) Vinyl Acetate	6.612	43	747784	97.606	ug/l #	89
24) 1,1-Dichloroethane	6.583	63	164981	19.405	ug/l	95
25) 2-Butanone	7.494	43	248101	102.278	ug/l	88
26) 2,2-Dichloropropane	7.494	77	139538	22.228	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	103960	18.003	ug/l	93
28) Bromochloromethane	7.818	49	84512	21.650	ug/l	89
29) Tetrahydrofuran	7.847	42	156268	96.365	ug/l	85
30) Chloroform	7.977	83	179698	19.628	ug/l	87
31) Cyclohexane	8.265	56	130243	18.527	ug/l	93
32) 1,1,1-Trichloroethane	8.177	97	156618	19.486	ug/l	95
36) 1,1-Dichloropropene	8.377	75	128283	19.204	ug/l	97
37) Ethyl Acetate	7.571	43	107076	20.519	ug/l	94
38) Carbon Tetrachloride	8.371	117	139736	19.811	ug/l	97
39) Methylcyclohexane	9.606	83	115501	16.685	ug/l	95
40) Benzene	8.612	78	384733	19.292	ug/l	100

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41) Methacrylonitrile	7.783	41	53504	18.916	ug/l	93
42) 1,2-Dichloroethane	8.677	62	135606	19.832	ug/l	99
43) Isopropyl Acetate	8.694	43	180596	18.096	ug/l	94
44) Trichloroethene	9.359	130	95375	18.110	ug/l	96
45) 1,2-Dichloropropane	9.630	63	97612	19.673	ug/l	98
46) Dibromomethane	9.712	93	68788	18.822	ug/l	94
47) Bromodichloromethane	9.894	83	134972	19.882	ug/l	94
48) Methyl methacrylate	9.688	41	82399	19.675	ug/l	89
49) 1,4-Dioxane	9.700	88	32624	370.626	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	532409	101.310	ug/l	92
52) Toluene	10.635	92	240829	19.127	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	139929	19.792	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	155923	19.951	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	98307	20.640	ug/l	97
56) Ethyl methacrylate	10.877	69	131208	18.919	ug/l #	90
57) 1,3-Dichloropropane	11.171	76	157194	19.552	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	290052	103.528	ug/l	94
59) 2-Hexanone	11.200	43	372501	101.799	ug/l	91
60) Dibromochloromethane	11.365	129	102228	19.614	ug/l	99
61) 1,2-Dibromoethane	11.471	107	94438	18.893	ug/l	99
64) Tetrachloroethene	11.112	164	83349	19.563	ug/l	98
65) Chlorobenzene	11.894	112	249503	18.243	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	93134	18.515	ug/l	94
67) Ethyl Benzene	11.971	91	444678	18.844	ug/l	100
68) m/p-Xylenes	12.076	106	337217	37.496	ug/l	98
69) o-Xylene	12.406	106	161691	18.308	ug/l	95
70) Styrene	12.418	104	255616	18.385	ug/l	96
71) Bromoform	12.582	173	64852	19.978	ug/l #	99
73) Isopropylbenzene	12.700	105	406910	18.058	ug/l	99
74) N-amyl acetate	12.500	43	135117	18.209	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	134521	20.250	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	109061m	19.361	ug/l	
77) Bromobenzene	12.988	156	93052	17.789	ug/l	99
78) n-propylbenzene	13.041	91	450342	18.395	ug/l	99
79) 2-Chlorotoluene	13.129	91	290267	18.368	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	326932	17.921	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	36313	19.805	ug/l	87
82) 4-Chlorotoluene	13.229	91	268617	18.213	ug/l	99
83) tert-Butylbenzene	13.441	119	273787	17.265	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	320384	18.114	ug/l	99
85) sec-Butylbenzene	13.623	105	346632	16.700	ug/l	99
86) p-Isopropyltoluene	13.735	119	275743	16.371	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	149756	16.926	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	145455	17.037	ug/l	96
89) n-Butylbenzene	14.065	91	203590	15.324	ug/l	97
90) Hexachloroethane	14.341	117	52500	17.564	ug/l	87
91) 1,2-Dichlorobenzene	14.112	146	151548	17.526	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	22354	20.029	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	44161	14.334	ug/l	99
94) Hexachlorobutadiene	15.506	225	24708	14.456	ug/l	97
95) Naphthalene	15.647	128	141444	13.648	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	50853	14.758	ug/l	95

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

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