

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080522\
 Data File : VN073755.D
 Acq On : 05 Aug 2022 12:04
 Operator : JC\MD
 Sample : VN0805WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0805WBS01

Quant Time: Aug 07 20:47:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 29 02:20:25 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/08/2022
 Supervised By : Mahesh Dadoda 08/08/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	377982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	605065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	536225	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	246164	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	221897	48.172	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.340%		
35) Dibromofluoromethane	7.951	113	192102	50.561	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.120%		
50) Toluene-d8	10.381	98	711531	47.590	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.675	95	219047	44.761	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	89.520%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.046	85	57732	15.747	ug/l	99
3) Chloromethane	2.269	50	78163	16.037	ug/l	92
4) Vinyl Chloride	2.405	62	100857	15.730	ug/l	98
5) Bromomethane	2.799	94	70784	19.035	ug/l	99
6) Chloroethane	2.963	64	66839	16.445	ug/l	98
7) Trichlorofluoromethane	3.310	101	121990	18.461	ug/l	98
8) Diethyl Ether	3.769	74	43605	17.574	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	65143	17.818	ug/l	99
10) Methyl Iodide	4.346	142	49700	13.372	ug/l	96
11) Tert butyl alcohol	5.293	59	94846	95.474	ug/l	99
12) 1,1-Dichloroethene	4.110	96	62527	17.436	ug/l	87
13) Acrolein	3.981	56	101987	103.554	ug/l	97
14) Allyl chloride	4.763	41	97355	16.980	ug/l	98
15) Acrylonitrile	5.481	53	253550	92.268	ug/l	100
16) Acetone	4.222	43	208800	84.394	ug/l	96
17) Carbon Disulfide	4.457	76	145902	15.344	ug/l	100
18) Methyl Acetate	4.781	43	120290	19.543	ug/l	98
19) Methyl tert-butyl Ether	5.534	73	225419	18.399	ug/l	97
20) Methylene Chloride	5.016	84	78712	18.267	ug/l	99
21) trans-1,2-Dichloroethene	5.516	96	67886	17.487	ug/l	94
22) Diisopropyl ether	6.416	45	224933	18.184	ug/l	98
23) Vinyl Acetate	6.351	43	945015	91.122	ug/l	100
24) 1,1-Dichloroethane	6.310	63	132881	17.462	ug/l	98
25) 2-Butanone	7.263	43	343487	89.398	ug/l	99
26) 2,2-Dichloropropane	7.251	77	103768	17.723	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	82470	17.242	ug/l	98
28) Bromochloromethane	7.587	49	52487	16.427	ug/l	99
29) Tetrahydrofuran	7.610	42	222991	91.795	ug/l	98
30) Chloroform	7.745	83	141541	17.852	ug/l	97
31) Cyclohexane	8.028	56	113643	16.571	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	118288	17.968	ug/l	99
36) 1,1-Dichloropropene	8.145	75	96385	17.799	ug/l	99
37) Ethyl Acetate	7.340	43	134022	18.793	ug/l	98
38) Carbon Tetrachloride	8.140	117	99227	18.042	ug/l	96
39) Methylcyclohexane	9.398	83	113788	17.584	ug/l	98
40) Benzene	8.392	78	312868	17.792	ug/l	99

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41) Methacrylonitrile	7.563	41	57487	17.814	ug/l	97
42) 1,2-Dichloroethane	8.463	62	107228	18.093	ug/l	99
43) Isopropyl Acetate	8.498	43	181653	18.858	ug/l	99
44) Trichloroethene	9.151	130	79103	17.739	ug/l	95
45) 1,2-Dichloropropane	9.428	63	80272	18.263	ug/l	99
46) Dibromomethane	9.516	93	56473	18.513	ug/l	98
47) Bromodichloromethane	9.704	83	108147	18.471	ug/l	96
48) Methyl methacrylate	9.498	41	79301	18.808	ug/l	91
49) 1,4-Dioxane	9.504	88	46460	390.899	ug/l	96
51) 4-Methyl-2-Pentanone	10.275	43	657532	95.174	ug/l	99
52) Toluene	10.445	92	195438	18.196	ug/l	97
53) t-1,3-Dichloropropene	10.663	75	105899	18.309	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	119215	18.290	ug/l	95
55) 1,1,2-Trichloroethane	10.839	97	82708	18.466	ug/l	96
56) Ethyl methacrylate	10.704	69	121417	19.669	ug/l	99
57) 1,3-Dichloropropane	10.986	76	139516	18.359	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	260755	86.590	ug/l	98
59) 2-Hexanone	11.028	43	503240	96.142	ug/l	99
60) Dibromochloromethane	11.180	129	85400	19.166	ug/l	100
61) 1,2-Dibromoethane	11.286	107	85619	18.561	ug/l	100
64) Tetrachloroethene	10.916	164	74804	17.553	ug/l	97
65) Chlorobenzene	11.710	112	210760	18.504	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	79700	19.509	ug/l	99
67) Ethyl Benzene	11.786	91	360372	18.754	ug/l	98
68) m/p-Xylenes	11.892	106	284064	38.760	ug/l	100
69) o-Xylene	12.222	106	139904	19.581	ug/l	100
70) Styrene	12.233	104	225714	19.735	ug/l	98
71) Bromoform	12.398	173	65342	19.378	ug/l #	99
73) Isopropylbenzene	12.522	105	359215	19.934	ug/l	100
74) N-amyl acetate	12.327	43	137275	20.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	132361	19.035	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	111643m	23.017	ug/l	
77) Bromobenzene	12.798	156	90803	19.350	ug/l	98
78) n-propylbenzene	12.863	91	397908	19.625	ug/l	99
79) 2-Chlorotoluene	12.945	91	248009	19.598	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	296368	19.985	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	35837	18.866	ug/l	95
82) 4-Chlorotoluene	13.045	91	229980	19.175	ug/l	97
83) tert-Butylbenzene	13.263	119	261063	19.875	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	294069	20.167	ug/l	100
85) sec-Butylbenzene	13.439	105	358754	19.762	ug/l	99
86) p-Isopropyltoluene	13.557	119	291452	20.365	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	157092	18.340	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	154439	18.020	ug/l	97
89) n-Butylbenzene	13.880	91	214228	18.397	ug/l	99
90) Hexachloroethane	14.151	117	54855	19.319	ug/l	99
91) 1,2-Dichlorobenzene	13.927	146	168800	19.447	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	28154	20.152	ug/l	97
93) 1,2,4-Trichlorobenzene	15.198	180	83785	19.438	ug/l	98
94) Hexachlorobutadiene	15.298	225	44915	19.167	ug/l	98
95) Naphthalene	15.439	128	274203	19.603	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	88048	19.408	ug/l	99

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

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