

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081322\
 Data File : VN073869.D
 Acq On : 13 Aug 2022 15:23
 Operator : JC\MD
 Sample : VN0813WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0813WBS01

Quant Time: Aug 14 02:34:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/15/2022
 Supervised By : Mahesh Dadoda 08/16/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	606882	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	865755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	764476	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	391525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	286882	38.790	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.580%		
35) Dibromofluoromethane	7.951	113	254511	46.816	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.640%		
50) Toluene-d8	10.381	98	942357	44.050	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	88.100%		
62) 4-Bromofluorobenzene	12.669	95	326546	43.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	87.680%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	102815	17.467	ug/l	96
3) Chloromethane	2.269	50	100512	12.319	ug/l	100
4) Vinyl Chloride	2.405	62	134507	13.065	ug/l	99
5) Bromomethane	2.799	94	95497	15.994	ug/l	96
6) Chloroethane	2.963	64	92162	13.809	ug/l	94
7) Trichlorofluoromethane	3.316	101	179547	16.923	ug/l	98
8) Diethyl Ether	3.763	74	64040	16.075	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.140	101	105408	17.957	ug/l	93
10) Methyl Iodide	4.346	142	119197	19.974	ug/l	99
11) Tert butyl alcohol	5.281	59	138383	86.759	ug/l	100
12) 1,1-Dichloroethene	4.110	96	95640	16.610	ug/l	89
13) Acrolein	3.987	56	34968	22.114	ug/l	99
14) Allyl chloride	4.757	41	136394	14.816	ug/l	97
15) Acrylonitrile	5.475	53	323469	73.314	ug/l	99
16) Acetone	4.222	43	261262	65.770	ug/l	99
17) Carbon Disulfide	4.457	76	224374	14.696	ug/l	98
18) Methyl Acetate	4.769	43	150701	15.249	ug/l	94
19) Methyl tert-butyl Ether	5.528	73	337353	17.150	ug/l	95
20) Methylene Chloride	5.010	84	113206	16.123	ug/l	95
21) trans-1,2-Dichloroethene	5.516	96	103152	16.549	ug/l	85
22) Diisopropyl ether	6.410	45	291928	14.699	ug/l	96
23) Vinyl Acetate	6.345	43	1278266	76.766	ug/l	97
24) 1,1-Dichloroethane	6.304	63	180854	14.802	ug/l	96
25) 2-Butanone	7.257	43	440199	71.357	ug/l	97
26) 2,2-Dichloropropane	7.245	77	171991	18.296	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	126825	16.515	ug/l	93
28) Bromochloromethane	7.581	49	67419	13.142	ug/l	83
29) Tetrahydrofuran	7.604	42	279438	71.644	ug/l	93
30) Chloroform	7.745	83	201649	15.840	ug/l	99
31) Cyclohexane	8.022	56	165215	15.005	ug/l	90
32) 1,1,1-Trichloroethane	7.939	97	184197	17.426	ug/l	97
36) 1,1-Dichloropropene	8.151	75	142761	18.425	ug/l	97
37) Ethyl Acetate	7.334	43	164104	16.082	ug/l	98
38) Carbon Tetrachloride	8.134	117	164149	20.859	ug/l	97
39) Methylcyclohexane	9.392	83	183177	19.784	ug/l	93
40) Benzene	8.387	78	442315	17.580	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.557	41	75610	16.375	ug/l #	92
42) 1,2-Dichloroethane	8.463	62	153041	18.048	ug/l	98
43) Isopropyl Acetate	8.492	43	245678	17.825	ug/l	98
44) Trichloroethene	9.151	130	128871	20.198	ug/l	95
45) 1,2-Dichloropropane	9.428	63	109170	17.359	ug/l	95
46) Dibromomethane	9.510	93	83173	19.055	ug/l	92
47) Bromodichloromethane	9.698	83	154691	18.465	ug/l #	99
48) Methyl methacrylate	9.498	41	116218	19.264	ug/l	96
49) 1,4-Dioxane	9.504	88	67234	395.350	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	842247	85.202	ug/l	99
52) Toluene	10.445	92	300378	19.545	ug/l	100
53) t-1,3-Dichloropropene	10.657	75	168634	20.376	ug/l	100
54) cis-1,3-Dichloropropene	10.128	75	177966	19.083	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	121816	19.008	ug/l	98
56) Ethyl methacrylate	10.698	69	179203	20.288	ug/l	96
57) 1,3-Dichloropropane	10.986	76	193501	17.796	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.981	63	324320	76.569	ug/l	93
59) 2-Hexanone	11.022	43	662136	88.408	ug/l	100
60) Dibromochloromethane	11.180	129	134081	21.030	ug/l	99
61) 1,2-Dibromoethane	11.286	107	128523	19.472	ug/l	98
64) Tetrachloroethene	10.916	164	121497	19.998	ug/l	99
65) Chlorobenzene	11.710	112	331989	20.445	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	126560	21.730	ug/l	98
67) Ethyl Benzene	11.780	91	554422	20.238	ug/l	99
68) m/p-Xylenes	11.892	106	451681	43.230	ug/l	96
69) o-Xylene	12.222	106	221348	21.730	ug/l	95
70) Styrene	12.233	104	354096	21.716	ug/l	98
71) Bromoform	12.398	173	112615	23.426	ug/l #	98
73) Isopropylbenzene	12.522	105	574817	20.056	ug/l	98
74) N-amyl acetate	12.327	43	206954	19.111	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.769	83	185875	16.806	ug/l	99
76) 1,2,3-Trichloropropane	12.822	75	160611m	20.490	ug/l	
77) Bromobenzene	12.798	156	150340	20.143	ug/l	89
78) n-propylbenzene	12.857	91	626955	19.441	ug/l	98
79) 2-Chlorotoluene	12.945	91	378328	18.797	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	477306	20.237	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.569	75	58000	19.198	ug/l	97
82) 4-Chlorotoluene	13.045	91	366792	19.228	ug/l	94
83) tert-Butylbenzene	13.263	119	432219	20.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	476292	20.537	ug/l	98
85) sec-Butylbenzene	13.439	105	582957	20.190	ug/l	97
86) p-Isopropyltoluene	13.557	119	499302	21.936	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	268140	19.682	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	267366	19.614	ug/l	98
89) n-Butylbenzene	13.880	91	379598	20.496	ug/l	98
90) Hexachloroethane	14.151	117	83760	18.547	ug/l	84
91) 1,2-Dichlorobenzene	13.927	146	274326	19.871	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	43315	19.493	ug/l	84
93) 1,2,4-Trichlorobenzene	15.198	180	171151	24.965	ug/l	98
94) Hexachlorobutadiene	15.298	225	91629	24.585	ug/l	98
95) Naphthalene	15.433	128	580802	26.107	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	181407	25.141	ug/l	99

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

