

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074292.D
 Acq On : 02 Sep 2022 17:59
 Operator : JC\MD
 Sample : VN0902WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBS01

Quant Time: Sep 03 04:40:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N090222W.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 03 04:35:33 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 09/03/2022
 Supervised By : Mahesh Dadoda 09/06/2022

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

Internal Standards						
1) Pentafluorobenzene	8.010	168	263247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	478161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	442844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	206772	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	206954	50.433	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.860%			
35) Dibromofluoromethane	7.951	113	163349	51.553	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.100%			
50) Toluene-d8	10.381	98	673130	53.875	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.669	95	217939	47.802	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.600%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	44971	18.039	ug/l	98
3) Chloromethane	2.269	50	63835	17.749	ug/l	97
4) Vinyl Chloride	2.405	62	135172	20.197	ug/l	98
5) Bromomethane	2.781	94	97520	21.675	ug/l	88
6) Chloroethane	2.957	64	113171	21.472	ug/l	98
7) Trichlorofluoromethane	3.310	101	90192	19.067	ug/l	97
8) Diethyl Ether	3.763	74	35681	18.526	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.140	101	52935	18.454	ug/l	95
10) Methyl Iodide	4.351	142	29985	18.370	ug/l #	85
11) Tert butyl alcohol	5.281	59	67579	90.774	ug/l #	88
12) 1,1-Dichloroethene	4.116	96	48364	18.665	ug/l	92
13) Acrolein	3.981	56	47468	94.733	ug/l	98
14) Allyl chloride	4.757	41	75160	18.037	ug/l #	85
15) Acrylonitrile	5.463	53	190535	93.058	ug/l	99
16) Acetone	4.216	43	158897	92.651	ug/l	98
17) Carbon Disulfide	4.451	76	110150	17.022	ug/l	96
18) Methyl Acetate	4.775	43	91825	17.790	ug/l	99
19) Methyl tert-butyl Ether	5.522	73	200305	19.502	ug/l	94
20) Methylene Chloride	5.010	84	65106	20.251	ug/l	94
21) trans-1,2-Dichloroethene	5.516	96	55332	18.630	ug/l	90
22) Diisopropyl ether	6.404	45	192403	19.667	ug/l	95
23) Vinyl Acetate	6.345	43	822848	96.769	ug/l	99
24) 1,1-Dichloroethane	6.304	63	114746	19.472	ug/l	96
25) 2-Butanone	7.257	43	277385	95.781	ug/l	99
26) 2,2-Dichloropropane	7.245	77	93380	19.505	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	75103	19.878	ug/l	93
28) Bromochloromethane	7.575	49	40635	20.045	ug/l	86
29) Tetrahydrofuran	7.610	42	179717	97.258	ug/l	99
30) Chloroform	7.739	83	129917	19.930	ug/l	90
31) Cyclohexane	8.016	56	101230	18.470	ug/l	94
32) 1,1,1-Trichloroethane	7.934	97	109937	20.333	ug/l	98
36) 1,1-Dichloropropene	8.145	75	90005	20.014	ug/l	97
37) Ethyl Acetate	7.334	43	104905	17.836	ug/l	96
38) Carbon Tetrachloride	8.134	117	92708	20.407	ug/l	95
39) Methylcyclohexane	9.392	83	111294	20.541	ug/l	92
40) Benzene	8.387	78	282777	19.933	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	55890	21.128	ug/l	92
42) 1,2-Dichloroethane	8.463	62	101296	19.195	ug/l	99
43) Isopropyl Acetate	8.492	43	168060	19.663	ug/l	98
44) Trichloroethene	9.151	130	69300	20.526	ug/l	94
45) 1,2-Dichloropropane	9.428	63	71097	20.147	ug/l	93
46) Dibromomethane	9.516	93	52947	19.677	ug/l #	87
47) Bromodichloromethane	9.704	83	103707	21.018	ug/l	100
48) Methyl methacrylate	9.498	41	70833	18.858	ug/l #	80
49) 1,4-Dioxane	9.504	88	37286	385.701	ug/l	89
51) 4-Methyl-2-Pentanone	10.269	43	611213	102.225	ug/l	96
52) Toluene	10.439	92	193141	22.031	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	107642	21.427	ug/l	91
54) cis-1,3-Dichloropropene	10.128	75	112003	20.322	ug/l #	88
55) 1,1,2-Trichloroethane	10.839	97	75657	20.114	ug/l	97
56) Ethyl methacrylate	10.698	69	121586	21.712	ug/l #	94
57) 1,3-Dichloropropane	10.980	76	132917	20.662	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.975	63	288596	105.345	ug/l	95
59) 2-Hexanone	11.028	43	470351	103.941	ug/l	95
60) Dibromochloromethane	11.175	129	76718	20.552	ug/l	96
61) 1,2-Dibromoethane	11.286	107	77657	20.607	ug/l	99
64) Tetrachloroethene	10.916	164	58868	21.146	ug/l	94
65) Chlorobenzene	11.710	112	200691	20.646	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	74677	20.760	ug/l	97
67) Ethyl Benzene	11.786	91	365733	20.494	ug/l	96
68) m/p-Xylenes	11.892	106	284566	42.717	ug/l	100
69) o-Xylene	12.222	106	141388	21.265	ug/l	98
70) Styrene	12.233	104	231492	21.743	ug/l	100
71) Bromoform	12.398	173	52864	20.293	ug/l #	98
73) Isopropylbenzene	12.516	105	368323	20.342	ug/l	98
74) N-amyl acetate	12.327	43	154686	20.031	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.769	83	129702	19.306	ug/l	98
76) 1,2,3-Trichloropropane	12.816	75	103073m	17.601	ug/l	
77) Bromobenzene	12.798	156	78898	19.630	ug/l	88
78) n-propylbenzene	12.857	91	436167	21.074	ug/l	97
79) 2-Chlorotoluene	12.945	91	248377	19.547	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	304923	21.004	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.569	75	36999	20.510	ug/l	94
82) 4-Chlorotoluene	13.039	91	236744	19.846	ug/l	98
83) tert-Butylbenzene	13.263	119	271525	20.607	ug/l	97
84) 1,2,4-Trimethylbenzene	13.304	105	302011	20.537	ug/l	97
85) sec-Butylbenzene	13.439	105	389044	21.149	ug/l	98
86) p-Isopropyltoluene	13.557	119	311498	21.737	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	156502	21.271	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	151458	20.749	ug/l	97
89) n-Butylbenzene	13.880	91	256044	20.480	ug/l	97
90) Hexachloroethane	14.151	117	53366	19.144	ug/l	85
91) 1,2-Dichlorobenzene	13.921	146	154724	20.062	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25341	17.376	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	74721	20.089	ug/l	97
94) Hexachlorobutadiene	15.298	225	35616	22.053	ug/l	97
95) Naphthalene	15.433	128	282713	19.366	ug/l	98
96) 1,2,3-Trichlorobenzene	15.627	180	77070	20.064	ug/l	99

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

