

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090222\
 Data File : VN074293.D
 Acq On : 02 Sep 2022 18:33
 Operator : JC\MD
 Sample : VN0902WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0902WBSD01

Quant Time: Sep 03 04:40:40 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	8.016	168	257078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	454282	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	424059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	198532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	208310	51.981	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.960%			
35) Dibromofluoromethane	7.945	113	162516	53.987	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.980%			
50) Toluene-d8	10.380	98	647330	54.534	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.060%			
62) 4-Bromofluorobenzene	12.668	95	210120	48.468	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	40077	16.462	ug/l	91
3) Chloromethane	2.269	50	58438	16.638	ug/l #	88
4) Vinyl Chloride	2.404	62	132620	20.291	ug/l	97
5) Bromomethane	2.781	94	96507	21.965	ug/l	98
6) Chloroethane	2.951	64	105558	20.508	ug/l	92
7) Trichlorofluoromethane	3.310	101	83161	18.003	ug/l	98
8) Diethyl Ether	3.757	74	35857	19.064	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.140	101	53473	19.089	ug/l	92
10) Methyl Iodide	4.345	142	32532	19.849	ug/l	91
11) Tert butyl alcohol	5.281	59	69940	96.199	ug/l	95
12) 1,1-Dichloroethene	4.116	96	47473	18.760	ug/l	90
13) Acrolein	3.981	56	47607	97.290	ug/l	99
14) Allyl chloride	4.763	41	73049	17.951	ug/l	87
15) Acrylonitrile	5.469	53	196832	98.441	ug/l	99
16) Acetone	4.222	43	155473	92.830	ug/l	100
17) Carbon Disulfide	4.451	76	105202	16.647	ug/l	98
18) Methyl Acetate	4.769	43	95516	18.949	ug/l	100
19) Methyl tert-butyl Ether	5.528	73	202636	20.203	ug/l	99
20) Methylene Chloride	5.010	84	61928	19.708	ug/l	98
21) trans-1,2-Dichloroethene	5.516	96	54621	18.831	ug/l	90
22) Diisopropyl ether	6.410	45	190904	19.982	ug/l	95
23) Vinyl Acetate	6.345	43	825426	99.402	ug/l	98
24) 1,1-Dichloroethane	6.298	63	107166	18.622	ug/l	98
25) 2-Butanone	7.257	43	275043	97.251	ug/l	97
26) 2,2-Dichloropropane	7.245	77	86393	18.478	ug/l	97
27) cis-1,2-Dichloroethene	7.245	96	72580	19.672	ug/l	99
28) Bromochloromethane	7.580	49	40952	20.678	ug/l	87
29) Tetrahydrofuran	7.610	42	172184	95.418	ug/l	96
30) Chloroform	7.739	83	126391	19.855	ug/l	98
31) Cyclohexane	8.016	56	95076	17.764	ug/l	89
32) 1,1,1-Trichloroethane	7.939	97	103042	19.515	ug/l	96
36) 1,1-Dichloropropene	8.145	75	83909	19.640	ug/l	98
37) Ethyl Acetate	7.339	43	104953	18.782	ug/l	99
38) Carbon Tetrachloride	8.133	117	86062	19.939	ug/l	96
39) Methylcyclohexane	9.392	83	102408	19.894	ug/l	98
40) Benzene	8.386	78	266044	19.739	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	48106	19.141	ug/l #	93
42) 1,2-Dichloroethane	8.463	62	105914	21.125	ug/l	99
43) Isopropyl Acetate	8.492	43	167683	20.650	ug/l	99
44) Trichloroethene	9.151	130	64971	20.255	ug/l	89
45) 1,2-Dichloropropane	9.427	63	70808	21.120	ug/l	97
46) Dibromomethane	9.510	93	53516	20.934	ug/l #	88
47) Bromodichloromethane	9.698	83	103047	21.982	ug/l	96
48) Methyl methacrylate	9.498	41	72291	20.258	ug/l #	85
49) 1,4-Dioxane	9.504	88	39426	429.276	ug/l	91
51) 4-Methyl-2-Pentanone	10.269	43	602252	106.021	ug/l	96
52) Toluene	10.439	92	184678	22.173	ug/l	98
53) t-1,3-Dichloropropene	10.657	75	103779	21.744	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	108215	20.666	ug/l	95
55) 1,1,2-Trichloroethane	10.833	97	80164	22.432	ug/l	92
56) Ethyl methacrylate	10.698	69	122047	22.940	ug/l #	93
57) 1,3-Dichloropropane	10.986	76	126898	20.764	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	269600	103.584	ug/l	99
59) 2-Hexanone	11.021	43	462131	107.492	ug/l	96
60) Dibromochloromethane	11.180	129	77135	21.750	ug/l	96
61) 1,2-Dibromoethane	11.286	107	76224	21.290	ug/l	96
64) Tetrachloroethene	10.916	164	56479	21.187	ug/l	94
65) Chlorobenzene	11.710	112	190792	20.497	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	70061	20.340	ug/l	98
67) Ethyl Benzene	11.786	91	350039	20.484	ug/l	100
68) m/p-Xylenes	11.892	106	271171	42.509	ug/l	97
69) o-Xylene	12.221	106	135616	21.301	ug/l	98
70) Styrene	12.233	104	218495	21.431	ug/l	98
71) Bromoform	12.398	173	51390	20.602	ug/l #	99
73) Isopropylbenzene	12.515	105	349530	20.106	ug/l	99
74) N-amyl acetate	12.327	43	150303	20.272	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.768	83	129573	20.088	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	105166m	18.703	ug/l	
77) Bromobenzene	12.798	156	76103	19.720	ug/l	86
78) n-propylbenzene	12.857	91	411096	20.687	ug/l	97
79) 2-Chlorotoluene	12.945	91	238650	19.561	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	287348	20.615	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	35605	20.556	ug/l	96
82) 4-Chlorotoluene	13.045	91	231441	20.206	ug/l	100
83) tert-Butylbenzene	13.262	119	263794	20.851	ug/l	99
84) 1,2,4-Trimethylbenzene	13.304	105	293330	20.774	ug/l	96
85) sec-Butylbenzene	13.439	105	361910	20.490	ug/l	97
86) p-Isopropyltoluene	13.557	119	293568	21.336	ug/l	97
87) 1,3-Dichlorobenzene	13.551	146	144657	20.477	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	146799	20.944	ug/l	97
89) n-Butylbenzene	13.880	91	247015	20.578	ug/l	94
90) Hexachloroethane	14.145	117	53105	19.841	ug/l	77
91) 1,2-Dichlorobenzene	13.927	146	149191	20.147	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.533	75	26063	18.613	ug/l	88
93) 1,2,4-Trichlorobenzene	15.192	180	70675	19.803	ug/l	98
94) Hexachlorobutadiene	15.298	225	32225	20.758	ug/l	98
95) Naphthalene	15.433	128	281115	20.029	ug/l	98
96) 1,2,3-Trichlorobenzene	15.621	180	75116	20.360	ug/l	98

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

