

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080422\
 Data File : VN073730.D
 Acq On : 04 Aug 2022 12:27
 Operator : JC\MD
 Sample : VN0804WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0804WBS01

Quant Time: Aug 05 00:24:55 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 08/05/2022
 Supervised By : Mahesh Dadoda 08/05/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	364729	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	588477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	540098	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	250991	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	223141	50.203	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.400%			
35) Dibromofluoromethane	7.951	113	190462	51.542	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.080%			
50) Toluene-d8	10.381	98	727846	50.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.674	95	226746	47.187	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.380%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	54736	15.473	ug/l	95
3) Chloromethane	2.269	50	79292	16.995	ug/l	94
4) Vinyl Chloride	2.405	62	98352	15.896	ug/l	98
5) Bromomethane	2.799	94	51140	14.252	ug/l	97
6) Chloroethane	2.963	64	66552	17.040	ug/l	95
7) Trichlorofluoromethane	3.310	101	118513	18.586	ug/l	97
8) Diethyl Ether	3.769	74	39107	16.334	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.146	101	60993	17.289	ug/l	98
10) Methyl Iodide	4.351	142	49174	13.711	ug/l	99
11) Tert butyl alcohol	5.293	59	80640	84.124	ug/l	98
12) 1,1-Dichloroethene	4.116	96	57028	16.480	ug/l	98
13) Acrolein	3.981	56	116810	122.914	ug/l	98
14) Allyl chloride	4.757	41	92383	16.698	ug/l	98
15) Acrylonitrile	5.469	53	235813	88.931	ug/l	99
16) Acetone	4.222	43	198092	82.976	ug/l	100
17) Carbon Disulfide	4.457	76	139857	15.243	ug/l	99
18) Methyl Acetate	4.775	43	107538	18.106	ug/l	99
19) Methyl tert-butyl Ether	5.534	73	208162	17.608	ug/l	98
20) Methylene Chloride	5.016	84	75050	18.023	ug/l	96
21) trans-1,2-Dichloroethene	5.516	96	63681	17.000	ug/l	99
22) Diisopropyl ether	6.410	45	208804	17.494	ug/l	97
23) Vinyl Acetate	6.351	43	879082	87.844	ug/l	99
24) 1,1-Dichloroethane	6.304	63	124276	16.924	ug/l	98
25) 2-Butanone	7.263	43	321284	86.658	ug/l	97
26) 2,2-Dichloropropane	7.251	77	99368	17.589	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	79008	17.119	ug/l	97
28) Bromochloromethane	7.581	49	51297	16.638	ug/l	99
29) Tetrahydrofuran	7.610	42	208725	89.044	ug/l	99
30) Chloroform	7.745	83	134202	17.541	ug/l	96
31) Cyclohexane	8.022	56	107884	16.303	ug/l	95
32) 1,1,1-Trichloroethane	7.945	97	109216	17.193	ug/l	99
36) 1,1-Dichloropropene	8.151	75	89031	16.905	ug/l	99
37) Ethyl Acetate	7.340	43	124220	17.910	ug/l	98
38) Carbon Tetrachloride	8.134	117	91535	17.112	ug/l	98
39) Methylcyclohexane	9.398	83	104137	16.547	ug/l	99
40) Benzene	8.392	78	295317	17.268	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	53443	17.028	ug/l	97
42) 1,2-Dichloroethane	8.463	62	100563	17.447	ug/l	99
43) Isopropyl Acetate	8.498	43	170301	18.178	ug/l	98
44) Trichloroethene	9.151	130	70667	16.294	ug/l	96
45) 1,2-Dichloropropane	9.428	63	75175	17.586	ug/l	99
46) Dibromomethane	9.516	93	52270	17.618	ug/l	96
47) Bromodichloromethane	9.698	83	102817	18.056	ug/l	99
48) Methyl methacrylate	9.498	41	72709	17.731	ug/l	90
49) 1,4-Dioxane	9.510	88	40874	353.594	ug/l	94
51) 4-Methyl-2-Pentanone	10.269	43	616376	91.732	ug/l	99
52) Toluene	10.445	92	187244	17.924	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	98586	17.525	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	111448	17.581	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	78268	17.967	ug/l	97
56) Ethyl methacrylate	10.704	69	108488	18.070	ug/l	98
57) 1,3-Dichloropropane	10.986	76	128996	17.454	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	258533	88.079	ug/l	98
59) 2-Hexanone	11.028	43	468566	92.041	ug/l	98
60) Dibromochloromethane	11.180	129	79811	18.416	ug/l	100
61) 1,2-Dibromoethane	11.286	107	79981	17.827	ug/l	98
64) Tetrachloroethene	10.916	164	70544	16.435	ug/l	98
65) Chlorobenzene	11.710	112	195602	17.050	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.780	131	76496	18.590	ug/l	97
67) Ethyl Benzene	11.786	91	334941	17.306	ug/l	98
68) m/p-Xylenes	11.892	106	254697	34.504	ug/l	97
69) o-Xylene	12.222	106	126938	17.639	ug/l	99
70) Styrene	12.233	104	207856	18.043	ug/l	98
71) Bromoform	12.398	173	60108	17.698	ug/l #	99
73) Isopropylbenzene	12.522	105	330072	17.965	ug/l	100
74) N-amyl acetate	12.333	43	119887	17.270	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	124085	17.502	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	92180m	17.984	ug/l	
77) Bromobenzene	12.798	156	83048	17.357	ug/l	99
78) n-propylbenzene	12.863	91	367237	17.764	ug/l	99
79) 2-Chlorotoluene	12.945	91	224205	17.376	ug/l	97
80) 1,3,5-Trimethylbenzene	13.004	105	272519	18.024	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	32537	16.800	ug/l	94
82) 4-Chlorotoluene	13.045	91	216653	17.716	ug/l	100
83) tert-Butylbenzene	13.263	119	235977	17.620	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	272319	18.316	ug/l	99
85) sec-Butylbenzene	13.445	105	331487	17.908	ug/l	99
86) p-Isopropyltoluene	13.557	119	265689	18.208	ug/l	100
87) 1,3-Dichlorobenzene	13.557	146	146054	16.723	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	145914	16.698	ug/l	99
89) n-Butylbenzene	13.886	91	197285	16.617	ug/l	97
90) Hexachloroethane	14.151	117	50395	17.407	ug/l	100
91) 1,2-Dichlorobenzene	13.927	146	153998	17.401	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	25023	17.566	ug/l	97
93) 1,2,4-Trichlorobenzene	15.192	180	72057	16.396	ug/l	99
94) Hexachlorobutadiene	15.298	225	41207	17.247	ug/l	97
95) Naphthalene	15.433	128	241117	16.907	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	78144	16.894	ug/l	100

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

