

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN080922\
 Data File : VN073791.D
 Acq On : 09 Aug 2022 17:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/10/2022
 Supervised By : Mahesh Dadoda 08/11/2022

Quant Time: Aug 09 21:09:55 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

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	374082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	582524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	551965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	284784	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	219125	48.066	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.140%		
35) Dibromofluoromethane	7.951	113	188821	51.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.240%		
50) Toluene-d8	10.380	98	724207	50.312	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.620%		
62) 4-Bromofluorobenzene	12.669	95	247661	51.250	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	102.500%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	156255	43.065	ug/l	97
3) Chloromethane	2.263	50	199967	45.636	ug/l	97
4) Vinyl Chloride	2.404	62	248365	39.139	ug/l	97
5) Bromomethane	2.775	94	115909	31.494	ug/l	97
6) Chloroethane	2.940	64	182361	49.238	ug/l	97
7) Trichlorofluoromethane	3.299	101	382423	58.475	ug/l	99
8) Diethyl Ether	3.757	74	118533	48.269	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.122	101	182473	50.430	ug/l	99
10) Methyl Iodide	4.334	142	162801	44.258	ug/l	99
11) Tert butyl alcohol	5.293	59	258642	263.069	ug/l	99
12) 1,1-Dichloroethene	4.098	96	167191	47.107	ug/l	94
13) Acrolein	3.969	56	253450	260.027	ug/l	97
14) Allyl chloride	4.746	41	266820	47.022	ug/l	99
15) Acrylonitrile	5.469	53	707355	260.093	ug/l	99
16) Acetone	4.216	43	577830	235.987	ug/l	99
17) Carbon Disulfide	4.446	76	401772	42.693	ug/l	99
18) Methyl Acetate	4.769	43	343370	56.367	ug/l	99
19) Methyl tert-butyl Ether	5.528	73	632174	52.138	ug/l	99
20) Methylene Chloride	5.004	84	215963	54.729	ug/l	99
21) trans-1,2-Dichloroethene	5.504	96	186825	48.627	ug/l	93
22) Diisopropyl ether	6.404	45	614486	50.194	ug/l	98
23) Vinyl Acetate	6.345	43	2671077	260.240	ug/l	100
24) 1,1-Dichloroethane	6.298	63	358125	47.551	ug/l	99
25) 2-Butanone	7.257	43	967520	254.439	ug/l	100
26) 2,2-Dichloropropane	7.239	77	275851	47.606	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	238113	50.302	ug/l	93
28) Bromochloromethane	7.581	49	154109	48.734	ug/l	99
29) Tetrahydrofuran	7.604	42	621449	258.488	ug/l	100
30) Chloroform	7.739	83	384409	48.989	ug/l	98
31) Cyclohexane	8.016	56	301215	44.381	ug/l	97
32) 1,1,1-Trichloroethane	7.939	97	324696	49.835	ug/l	99
36) 1,1-Dichloropropene	8.145	75	268671	51.535	ug/l	99
37) Ethyl Acetate	7.334	43	358458	52.209	ug/l	99
38) Carbon Tetrachloride	8.134	117	278937	52.680	ug/l	99
39) Methylcyclohexane	9.392	83	334157	53.638	ug/l	98
40) Benzene	8.386	78	863658	51.016	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	160127	51.541	ug/l	96
42) 1,2-Dichloroethane	8.463	62	284033	49.782	ug/l	99
43) Isopropyl Acetate	8.492	43	506389	54.606	ug/l	100
44) Trichloroethene	9.151	130	218884	50.985	ug/l	95
45) 1,2-Dichloropropane	9.428	63	217754	51.460	ug/l	99
46) Dibromomethane	9.510	93	157825	53.739	ug/l	99
47) Bromodichloromethane	9.698	83	302694	53.700	ug/l	97
48) Methyl methacrylate	9.498	41	228661	56.331	ug/l	94
49) 1,4-Dioxane	9.504	88	139354	1217.849	ug/l	93
51) 4-Methyl-2-Pentanone	10.269	43	1872424	281.510	ug/l	100
52) Toluene	10.445	92	550432	53.230	ug/l	98
53) t-1,3-Dichloropropene	10.663	75	315334	56.628	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	346576	55.231	ug/l	97
55) 1,1,2-Trichloroethane	10.839	97	235875	54.701	ug/l	99
56) Ethyl methacrylate	10.698	69	367187	61.783	ug/l	100
57) 1,3-Dichloropropane	10.986	76	394195	53.881	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	830082	263.383	ug/l	98
59) 2-Hexanone	11.027	43	1456012	288.929	ug/l	99
60) Dibromochloromethane	11.180	129	248326	57.887	ug/l	100
61) 1,2-Dibromoethane	11.286	107	241738	54.432	ug/l	98
64) Tetrachloroethene	10.916	164	211204	48.147	ug/l	95
65) Chlorobenzene	11.710	112	610396	52.063	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	230911	54.911	ug/l	99
67) Ethyl Benzene	11.786	91	1079775	54.591	ug/l	100
68) m/p-Xylenes	11.892	106	849823	112.652	ug/l	99
69) o-Xylene	12.222	106	416016	56.565	ug/l	99
70) Styrene	12.233	104	707389	60.084	ug/l	97
71) Bromoform	12.398	173	207391	59.750	ug/l	100
73) Isopropylbenzene	12.521	105	1096124	52.580	ug/l	100
74) N-amyl acetate	12.327	43	425448	54.014	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.769	83	382325	47.526	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	277364m	53.383	ug/l	
77) Bromobenzene	12.798	156	278018	51.211	ug/l	97
78) n-propylbenzene	12.863	91	1279008	54.526	ug/l	100
79) 2-Chlorotoluene	12.945	91	749928	51.224	ug/l	98
80) 1,3,5-Trimethylbenzene	12.998	105	915034	53.337	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	118234	53.803	ug/l	100
82) 4-Chlorotoluene	13.045	91	725998	52.323	ug/l	97
83) tert-Butylbenzene	13.263	119	816179	53.711	ug/l	99
84) 1,2,4-Trimethylbenzene	13.310	105	920806	54.585	ug/l	100
85) sec-Butylbenzene	13.439	105	1175326	55.962	ug/l	98
86) p-Isopropyltoluene	13.557	119	973580	58.803	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	502733	50.733	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	499217	50.350	ug/l	98
89) n-Butylbenzene	13.880	91	795151	59.025	ug/l	99
90) Hexachloroethane	14.151	117	176406	53.702	ug/l	98
91) 1,2-Dichlorobenzene	13.927	146	509575	50.746	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	82158	50.831	ug/l	90
93) 1,2,4-Trichlorobenzene	15.198	180	294037	58.965	ug/l	99
94) Hexachlorobutadiene	15.304	225	154386	56.949	ug/l	98
95) Naphthalene	15.433	128	963297	59.529	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	305194	58.151	ug/l	99

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

