

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012722\
 Data File : VN070799.D
 Acq On : 27 Jan 2022 10:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 28 00:35:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/28/2022
 Supervised By : Mahesh Dadoda 01/28/2022

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	654015	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	1034998	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1054276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	486187	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.432	65	483112	51.543	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 103.080%	
35) Dibromofluoromethane	8.019	113	333249	51.907	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 103.820%	
50) Toluene-d8	10.438	98	1449469	53.592	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 107.180%	
62) 4-Bromofluorobenzene	12.725	95	602746	62.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 125.080%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	349944	46.304	ug/l	99
3) Chloromethane	2.306	50	491687	44.509	ug/l	100
4) Vinyl Chloride	2.453	62	547342	52.094	ug/l	99
5) Bromomethane	2.858	94	318536	58.210	ug/l	100
6) Chloroethane	3.025	64	338296	51.596	ug/l	99
7) Trichlorofluoromethane	3.384	101	706719	58.880	ug/l	98
8) Diethyl Ether	3.827	74	235375	44.892	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.215	101	341685	47.101	ug/l	96
10) Methyl Iodide	4.422	142	462847	49.479	ug/l	96
11) Tert butyl alcohol	5.369	59	327710	193.794	ug/l	99
12) 1,1-Dichloroethene	4.183	96	318998	44.089	ug/l	88
13) Acrolein	4.039	56	521698	215.112	ug/l	100
14) Allyl chloride	4.843	41	721204	45.749	ug/l	88
15) Acrylonitrile	5.548	53	1144721	212.794	ug/l	99
16) Acetone	4.280	43	1361026	209.209	ug/l	100
17) Carbon Disulfide	4.532	76	887083	45.144	ug/l	100
18) Methyl Acetate	4.851	43	524320	40.981	ug/l	93
19) Methyl tert-butyl Ether	5.610	73	1305898	50.524	ug/l	94
20) Methylene Chloride	5.095	84	392542	45.807	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	350905	48.189	ug/l	# 83
22) Diisopropyl ether	6.490	45	1471786	47.102	ug/l	94
23) Vinyl Acetate	6.428	43	6289579	237.456	ug/l	95
24) 1,1-Dichloroethane	6.385	63	752714	48.158	ug/l	98
25) 2-Butanone	7.329	43	1716615	209.695	ug/l	93
26) 2,2-Dichloropropane	7.321	77	642718	53.633	ug/l	96
27) cis-1,2-Dichloroethene	7.321	96	413737	47.829	ug/l	83
28) Bromochloromethane	7.654	49	343342	48.926	ug/l	# 79
29) Tetrahydrofuran	7.678	42	1013049	202.105	ug/l	89
30) Chloroform	7.815	83	739917	48.462	ug/l	100
31) Cyclohexane	8.091	56	724077	43.870	ug/l	88
32) 1,1,1-Trichloroethane	8.011	97	645574	53.213	ug/l	97
36) 1,1-Dichloropropene	8.217	75	555862	51.430	ug/l	95
37) Ethyl Acetate	7.407	43	627055	43.700	ug/l	98
38) Carbon Tetrachloride	8.204	117	551596	57.368	ug/l	100
39) Methylcyclohexane	9.456	83	687702	51.540	ug/l	89
40) Benzene	8.456	78	1641688	49.021	ug/l	98

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41) Methacrylonitrile	7.632	41	322764	44.213	ug/l	89
42) 1,2-Dichloroethane	8.525	62	631228	54.359	ug/l	98
43) Isopropyl Acetate	8.555	43	1031391	47.059	ug/l #	97
44) Trichloroethene	9.212	130	388422	51.161	ug/l	87
45) 1,2-Dichloropropane	9.486	63	455587	50.000	ug/l	100
46) Dibromomethane	9.574	93	275538	52.007	ug/l	94
47) Bromodichloromethane	9.756	83	588156	54.308	ug/l	99
48) Methyl methacrylate	9.555	41	513215	49.153	ug/l #	81
49) 1,4-Dioxane	9.563	88	132835	846.968	ug/l #	84
51) 4-Methyl-2-Pentanone	10.325	43	3250927	232.459	ug/l	98
52) Toluene	10.499	92	1111460	55.483	ug/l	97
53) t-1,3-Dichloropropene	10.714	75	701516	53.251	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	710765	54.724	ug/l	98
55) 1,1,2-Trichloroethane	10.894	97	463510	58.898	ug/l	97
56) Ethyl methacrylate	10.757	69	723144	48.393	ug/l	90
57) 1,3-Dichloropropane	11.038	76	805036	57.785	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.035	63	762405	204.978	ug/l	91
59) 2-Hexanone	11.081	43	2672379	263.043	ug/l	97
60) Dibromochloromethane	11.234	129	446995	60.893	ug/l	100
61) 1,2-Dibromoethane	11.342	107	429378	54.343	ug/l	100
64) Tetrachloroethene	10.974	164	401375	51.924	ug/l	94
65) Chlorobenzene	11.765	112	1141502	49.974	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.838	131	423973	53.901	ug/l	99
67) Ethyl Benzene	11.840	91	2208475	52.149	ug/l	95
68) m/p-Xylenes	11.950	106	1590604	103.244	ug/l	90
69) o-Xylene	12.275	106	796915	52.123	ug/l	89
70) Styrene	12.291	104	1328033	54.296	ug/l	95
71) Bromoform	12.452	173	328534	55.294	ug/l #	100
73) Isopropylbenzene	12.575	105	2544344	55.317	ug/l	99
74) N-amyl acetate	12.382	43	851561	45.281	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.822	83	684888	44.090	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	597997m	46.375	ug/l	
77) Bromobenzene	12.857	156	489777	47.493	ug/l	78
78) n-propylbenzene	12.916	91	2518808	48.967	ug/l	96
79) 2-Chlorotoluene	13.004	91	1521266	46.752	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	1820182	48.935	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.621	75	237955	54.976	ug/l	92
82) 4-Chlorotoluene	13.101	91	1511027	49.701	ug/l	92
83) tert-Butylbenzene	13.321	119	1582666	48.880	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	1768930	49.476	ug/l	97
85) sec-Butylbenzene	13.498	105	2314338	52.577	ug/l	97
86) p-Isopropyltoluene	13.610	119	1800918	52.082	ug/l	95
87) 1,3-Dichlorobenzene	13.613	146	854368	49.803	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	853937	50.019	ug/l	97
89) n-Butylbenzene	13.938	91	1522215	53.362	ug/l	97
90) Hexachloroethane	14.206	117	306990	50.789	ug/l	93
91) 1,2-Dichlorobenzene	13.983	146	805368	47.517	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.597	75	131351	49.849	ug/l	82
93) 1,2,4-Trichlorobenzene	15.260	180	408364	45.774	ug/l	98
94) Hexachlorobutadiene	15.364	225	291719	58.114	ug/l	99
95) Naphthalene	15.501	128	941058	38.582	ug/l	100
96) 1,2,3-Trichlorobenzene	15.694	180	347532	41.088	ug/l	98

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

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