

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010322\
 Data File : VN070427.D
 Acq On : 3 Jan 2022 10:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/04/2022
 Supervised By : Mahesh Dadoda 01/04/2022

Quant Time: Jan 04 01:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	983573	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1570110	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1468380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	637333	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	617661	43.676	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.360%		
35) Dibromofluoromethane	8.019	113	457976	48.208	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.420%		
50) Toluene-d8	10.440	98	1851125	47.699	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.400%		
62) 4-Bromofluorobenzene	12.728	95	688366	49.110	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.220%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	535932	48.047	ug/l	100
3) Chloromethane	2.303	50	726154	47.858	ug/l	99
4) Vinyl Chloride	2.448	62	655552	47.454	ug/l	99
5) Bromomethane	2.848	94	346379	48.579	ug/l	99
6) Chloroethane	3.017	64	388363	46.682	ug/l	97
7) Trichlorofluoromethane	3.376	101	780123	46.917	ug/l	98
8) Diethyl Ether	3.821	74	357241	48.737	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.208	101	517529	50.888	ug/l	96
10) Methyl Iodide	4.419	142	689431	50.092	ug/l	98
11) Tert butyl alcohol	5.372	59	536114	227.679	ug/l	99
12) 1,1-Dichloroethene	4.181	96	496455	49.560	ug/l	92
13) Acrolein	4.039	56	255367	133.660	ug/l	99
14) Allyl chloride	4.838	41	1163075	51.211	ug/l	85
15) Acrylonitrile	5.551	53	1850949	251.901	ug/l	99
16) Acetone	4.283	43	2753212	299.904	ug/l	99
17) Carbon Disulfide	4.527	76	1396892	51.087	ug/l	98
18) Methyl Acetate	4.851	43	1285765	48.418	ug/l	91
19) Methyl tert-butyl Ether	5.613	73	1839445	49.446	ug/l	93
20) Methylene Chloride	5.093	84	607543	47.832	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	527913	49.774	ug/l	85
22) Diisopropyl ether	6.493	45	2304947	52.106	ug/l #	92
23) Vinyl Acetate	6.431	43	8783987	255.932	ug/l	95
24) 1,1-Dichloroethane	6.385	63	1138172	49.621	ug/l	98
25) 2-Butanone	7.332	43	3165882	273.886	ug/l	92
26) 2,2-Dichloropropane	7.321	77	857977	47.416	ug/l	97
27) cis-1,2-Dichloroethene	7.324	96	630339	49.807	ug/l	86
28) Bromochloromethane	7.657	49	571369	50.936	ug/l #	77
29) Tetrahydrofuran	7.681	42	1738033	252.014	ug/l #	86
30) Chloroform	7.815	83	1080668	48.837	ug/l	100
31) Cyclohexane	8.091	56	1109938	49.736	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	892962	47.860	ug/l	96
36) 1,1-Dichloropropene	8.220	75	822054	52.309	ug/l	97
37) Ethyl Acetate	7.410	43	1034187	50.769	ug/l	96
38) Carbon Tetrachloride	8.204	117	747335	49.801	ug/l	98
39) Methylcyclohexane	9.459	83	1031854	54.234	ug/l	88
40) Benzene	8.458	78	2520373	52.312	ug/l	100

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41) Methacrylonitrile	7.632	41	571711	56.111	ug/l #	84
42) 1,2-Dichloroethane	8.528	62	892094	49.261	ug/l	99
43) Isopropyl Acetate	8.558	43	1626769	50.652	ug/l #	95
44) Trichloroethene	9.215	130	580992	50.750	ug/l	92
45) 1,2-Dichloropropane	9.488	63	693128	53.431	ug/l	99
46) Dibromomethane	9.577	93	413921	51.314	ug/l	95
47) Bromodichloromethane	9.759	83	860772	53.742	ug/l	99
48) Methyl methacrylate	9.558	41	822523	53.692	ug/l #	79
49) 1,4-Dioxane	9.569	88	248359	1107.524	ug/l	86
51) 4-Methyl-2-Pentanone	10.328	43	5356221	265.412	ug/l	96
52) Toluene	10.502	92	1555811	53.349	ug/l	96
53) t-1,3-Dichloropropene	10.717	75	925034	53.349	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1032974	55.071	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	601215	52.104	ug/l	97
56) Ethyl methacrylate	10.760	69	1012391	53.100	ug/l	90
57) 1,3-Dichloropropane	11.041	76	1067740	52.318	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	1173537	241.643	ug/l	90
59) 2-Hexanone	11.084	43	4185716	284.418	ug/l	95
60) Dibromochloromethane	11.237	129	617462	54.846	ug/l	100
61) 1,2-Dibromoethane	11.344	107	602128	51.393	ug/l	100
64) Tetrachloroethene	10.974	164	523024	49.188	ug/l	97
65) Chlorobenzene	11.768	112	1608633	51.631	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	576902	51.868	ug/l	99
67) Ethyl Benzene	11.843	91	3029698	53.074	ug/l	96
68) m/p-Xylenes	11.950	106	2258457	108.689	ug/l	94
69) o-Xylene	12.278	106	1114429	53.920	ug/l	93
70) Styrene	12.291	104	1830305	55.952	ug/l	97
71) Bromoform	12.455	173	464630	56.287	ug/l #	100
73) Isopropylbenzene	12.575	105	2915118	49.254	ug/l	98
74) N-amyl acetate	12.385	43	1227670	49.333	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	947029	48.672	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	851600m	45.400	ug/l	
77) Bromobenzene	12.860	156	665604	48.984	ug/l	78
78) n-propylbenzene	12.919	91	3438734	52.438	ug/l	96
79) 2-Chlorotoluene	13.004	91	2065863	49.098	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2400742	50.618	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	278812	53.448	ug/l	95
82) 4-Chlorotoluene	13.104	91	2014699	51.118	ug/l	92
83) tert-Butylbenzene	13.321	119	2099048	50.261	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	2355611	51.578	ug/l	98
85) sec-Butylbenzene	13.498	105	2976216	52.491	ug/l	97
86) p-Isopropyltoluene	13.613	119	2369687	53.204	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1167684	51.334	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	1134594	50.566	ug/l	98
89) n-Butylbenzene	13.940	91	1975385	53.172	ug/l	97
90) Hexachloroethane	14.209	117	414800	53.608	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	1114324	49.971	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	160812	46.903	ug/l	82
93) 1,2,4-Trichlorobenzene	15.263	180	533619	50.786	ug/l	98
94) Hexachlorobutadiene	15.367	225	323138	52.917	ug/l	100
95) Naphthalene	15.504	128	1305625	45.143	ug/l	99
96) 1,2,3-Trichlorobenzene	15.697	180	501132	49.865	ug/l	98

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

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