

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012122\
 Data File : VN070743.D
 Acq On : 21 Jan 2022 20:13
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/24/2022
 Supervised By : Mahesh Dadoda 01/24/2022

Quant Time: Jan 22 05:31:13 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	728956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1227077	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1159474	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	487704	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	528463	50.585	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.160%			
35) Dibromofluoromethane	8.019	113	376056	49.406	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.820%			
50) Toluene-d8	10.438	98	1563229	48.751	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 97.500%			
62) 4-Bromofluorobenzene	12.728	95	576431	50.447	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	361329	42.896	ug/l	98
3) Chloromethane	2.306	50	511602	41.551	ug/l	99
4) Vinyl Chloride	2.451	62	536350	45.800	ug/l	98
5) Bromomethane	2.856	94	325111	53.303	ug/l	98
6) Chloroethane	3.022	64	346948	47.475	ug/l	99
7) Trichlorofluoromethane	3.381	101	672158	50.244	ug/l	98
8) Diethyl Ether	3.824	74	312268	53.435	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.213	101	419794	51.919	ug/l	95
10) Methyl Iodide	4.422	142	613771	58.867	ug/l	98
11) Tert butyl alcohol	5.369	59	438923	232.876	ug/l	98
12) 1,1-Dichloroethene	4.183	96	417551	51.778	ug/l	93
13) Acrolein	4.041	56	764634	282.868	ug/l	99
14) Allyl chloride	4.840	41	954180	54.305	ug/l	86
15) Acrylonitrile	5.551	53	1585817	264.483	ug/l	98
16) Acetone	4.283	43	1489498	205.418	ug/l	99
17) Carbon Disulfide	4.532	76	1115110	50.914	ug/l	100
18) Methyl Acetate	4.854	43	724814	50.828	ug/l	92
19) Methyl tert-butyl Ether	5.613	73	1618562	56.183	ug/l	94
20) Methylene Chloride	5.095	84	517695	54.201	ug/l	89
21) trans-1,2-Dichloroethene	5.599	96	453236	55.843	ug/l	87
22) Diisopropyl ether	6.495	45	1952610	56.066	ug/l #	91
23) Vinyl Acetate	6.431	43	8359667	283.163	ug/l	95
24) 1,1-Dichloroethane	6.388	63	955259	54.833	ug/l	98
25) 2-Butanone	7.332	43	2094621	229.565	ug/l	91
26) 2,2-Dichloropropane	7.324	77	684287	51.232	ug/l	98
27) cis-1,2-Dichloroethene	7.324	96	508729	52.764	ug/l	87
28) Bromochloromethane	7.657	49	399701	51.102	ug/l #	76
29) Tetrahydrofuran	7.681	42	1342162	240.236	ug/l	87
30) Chloroform	7.815	83	787930	46.278	ug/l	99
31) Cyclohexane	8.094	56	772361	41.985	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	640622	47.376	ug/l	98
36) 1,1-Dichloropropene	8.220	75	572475	44.676	ug/l	96
37) Ethyl Acetate	7.410	43	808422	47.521	ug/l	98
38) Carbon Tetrachloride	8.206	117	531091	46.589	ug/l	99
39) Methylcyclohexane	9.459	83	701336	44.334	ug/l	88
40) Benzene	8.458	78	1750075	44.077	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	441926	51.061	ug/l #	86
42) 1,2-Dichloroethane	8.528	62	634888	46.116	ug/l	99
43) Isopropyl Acetate	8.558	43	1161092	44.685	ug/l #	95
44) Trichloroethene	9.215	130	394666	43.847	ug/l	88
45) 1,2-Dichloropropane	9.488	63	488145	45.187	ug/l	100
46) Dibromomethane	9.574	93	287927	45.838	ug/l	93
47) Bromodichloromethane	9.759	83	583303	45.429	ug/l	99
48) Methyl methacrylate	9.558	41	572320	46.234	ug/l #	80
49) 1,4-Dioxane	9.566	88	148226	797.162	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	3661592	220.839	ug/l	98
52) Toluene	10.502	92	1082145	45.563	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	667282	43.199	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	726809	47.200	ug/l	99
55) 1,1,2-Trichloroethane	10.894	97	416492	44.639	ug/l	98
56) Ethyl methacrylate	10.757	69	742950	42.243	ug/l	89
57) 1,3-Dichloropropane	11.041	76	762183	46.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	939905	212.298	ug/l	90
59) 2-Hexanone	11.081	43	2595237	215.464	ug/l	97
60) Dibromochloromethane	11.234	129	415074	47.694	ug/l	100
61) 1,2-Dibromoethane	11.342	107	428248	45.716	ug/l	98
64) Tetrachloroethene	10.974	164	335826	39.503	ug/l	92
65) Chlorobenzene	11.768	112	1121486	44.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	403504	46.644	ug/l	99
67) Ethyl Benzene	11.840	91	2137367	45.891	ug/l	95
68) m/p-Xylenes	11.950	106	1543192	91.078	ug/l	91
69) o-Xylene	12.278	106	780772	46.434	ug/l	90
70) Styrene	12.291	104	1283926	47.730	ug/l	95
71) Bromoform	12.455	173	304716	46.632	ug/l #	99
73) Isopropylbenzene	12.575	105	2046635	44.358	ug/l	98
74) N-amyl acetate	12.385	43	881336	46.719	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	656974	42.162	ug/l	98
76) 1,2,3-Trichloropropane	12.876	75	661461m	51.137	ug/l	
77) Bromobenzene	12.857	156	454839	43.968	ug/l	75
78) n-propylbenzene	12.916	91	2365695	45.847	ug/l	96
79) 2-Chlorotoluene	13.004	91	1449775	44.416	ug/l	91
80) 1,3,5-Trimethylbenzene	13.055	105	1703616	45.659	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	187884	43.273	ug/l	97
82) 4-Chlorotoluene	13.101	91	1385201	45.421	ug/l	91
83) tert-Butylbenzene	13.321	119	1479013	45.537	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	1682206	46.904	ug/l	97
85) sec-Butylbenzene	13.498	105	2073917	46.969	ug/l	97
86) p-Isopropyltoluene	13.613	119	1701904	49.065	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	793633	46.119	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	766019	44.730	ug/l	96
89) n-Butylbenzene	13.940	91	1457519	50.935	ug/l	96
90) Hexachloroethane	14.209	117	284059	46.849	ug/l	90
91) 1,2-Dichlorobenzene	13.986	146	766083	45.059	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.600	75	116744	44.168	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	405545	45.351	ug/l	96
94) Hexachlorobutadiene	15.367	225	238648	47.394	ug/l	99
95) Naphthalene	15.501	128	1090220	43.791	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	390350	45.622	ug/l	99

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

