

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011822\
 Data File : VN070688.D
 Acq On : 19 Jan 2022 00:55
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/19/2022
 Supervised By :Amit Patel 01/19/2022

Quant Time: Jan 19 03:43:34 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	833101	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1399645	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	1307280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	545875	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	592204	49.600	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	99.200%		
35) Dibromofluoromethane	8.019	113	430043	49.533	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.060%		
50) Toluene-d8	10.440	98	1800972	49.240	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.480%		
62) 4-Bromofluorobenzene	12.728	95	644114	49.420	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	420295	43.659	ug/l	100
3) Chloromethane	2.303	50	622203	44.216	ug/l	99
4) Vinyl Chloride	2.451	62	560793	41.901	ug/l	98
5) Bromomethane	2.856	94	348433	49.986	ug/l	99
6) Chloroethane	3.022	64	386908	46.325	ug/l	98
7) Trichlorofluoromethane	3.382	101	727277	47.568	ug/l	99
8) Diethyl Ether	3.827	74	300472	44.989	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.213	101	389515	42.152	ug/l	95
10) Methyl Iodide	4.422	142	579642	48.644	ug/l	99
11) Tert butyl alcohol	5.374	59	449325	208.594	ug/l	98
12) 1,1-Dichloroethene	4.183	96	404792	43.921	ug/l	89
13) Acrolein	4.041	56	690800	223.608	ug/l	99
14) Allyl chloride	4.843	41	949479	47.282	ug/l #	84
15) Acrylonitrile	5.554	53	1595943	232.898	ug/l	99
16) Acetone	4.285	43	1390125	167.748	ug/l	97
17) Carbon Disulfide	4.532	76	1141810	45.616	ug/l	99
18) Methyl Acetate	4.854	43	723416	44.388	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1588032	48.232	ug/l	94
20) Methylene Chloride	5.095	84	499677	45.775	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	437931	47.212	ug/l	85
22) Diisopropyl ether	6.495	45	1924347	48.347	ug/l #	91
23) Vinyl Acetate	6.434	43	8192189	242.801	ug/l	95
24) 1,1-Dichloroethane	6.388	63	938138	47.119	ug/l	98
25) 2-Butanone	7.332	43	2198535	210.833	ug/l	93
26) 2,2-Dichloropropane	7.327	77	666766	43.680	ug/l	98
27) cis-1,2-Dichloroethene	7.327	96	522780	47.443	ug/l	87
28) Bromochloromethane	7.657	49	422990	47.319	ug/l #	75
29) Tetrahydrofuran	7.683	42	1503152	235.418	ug/l	87
30) Chloroform	7.818	83	916937	47.133	ug/l	100
31) Cyclohexane	8.094	56	931882	44.324	ug/l	86
32) 1,1,1-Trichloroethane	8.013	97	738035	47.757	ug/l	97
36) 1,1-Dichloropropene	8.220	75	680435	46.554	ug/l	96
37) Ethyl Acetate	7.410	43	882546	45.482	ug/l	97
38) Carbon Tetrachloride	8.206	117	605327	46.554	ug/l	99
39) Methylcyclohexane	9.459	83	816432	45.247	ug/l	89
40) Benzene	8.459	78	2083980	46.016	ug/l	99

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41) Methacrylonitrile	7.632	41	438984	44.467	ug/l	91
42) 1,2-Dichloroethane	8.528	62	738313	47.016	ug/l	99
43) Isopropyl Acetate	8.558	43	1386656	46.786	ug/l	96
44) Trichloroethene	9.215	130	469504	45.730	ug/l	89
45) 1,2-Dichloropropane	9.488	63	570949	46.336	ug/l	100
46) Dibromomethane	9.574	93	340053	47.462	ug/l	93
47) Bromodichloromethane	9.759	83	684810	46.758	ug/l	98
48) Methyl methacrylate	9.558	41	638479	45.219	ug/l #	83
49) 1,4-Dioxane	9.566	88	179390	845.813	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	4462893	235.981	ug/l	98
52) Toluene	10.505	92	1280201	47.257	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	755406	42.892	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	838693	47.751	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	492507	46.278	ug/l	97
56) Ethyl methacrylate	10.760	69	862883	42.971	ug/l	89
57) 1,3-Dichloropropane	11.041	76	888852	47.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	956839	191.759	ug/l	90
59) 2-Hexanone	11.084	43	3112357	226.538	ug/l	97
60) Dibromochloromethane	11.234	129	481667	48.522	ug/l	100
61) 1,2-Dibromoethane	11.344	107	499067	46.707	ug/l	99
64) Tetrachloroethene	10.974	164	429219	44.780	ug/l	95
65) Chlorobenzene	11.768	112	1305564	46.094	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	453640	46.511	ug/l	99
67) Ethyl Benzene	11.843	91	2488273	47.384	ug/l	95
68) m/p-Xylenes	11.950	106	1817696	95.150	ug/l	91
69) o-Xylene	12.278	106	903919	47.680	ug/l	91
70) Styrene	12.291	104	1479181	48.772	ug/l	96
71) Bromoform	12.455	173	354075	48.059	ug/l #	99
73) Isopropylbenzene	12.575	105	2352589	45.555	ug/l	98
74) N-amyl acetate	12.385	43	978005	46.318	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.825	83	763674	43.787	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	673988m	46.552	ug/l	
77) Bromobenzene	12.857	156	524296	45.281	ug/l	75
78) n-propylbenzene	12.919	91	2697036	46.698	ug/l	96
79) 2-Chlorotoluene	13.004	91	1661743	45.485	ug/l	92
80) 1,3,5-Trimethylbenzene	13.055	105	1949873	46.690	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	213692	43.972	ug/l	95
82) 4-Chlorotoluene	13.101	91	1583888	46.401	ug/l	91
83) tert-Butylbenzene	13.321	119	1681726	46.261	ug/l	94
84) 1,2,4-Trimethylbenzene	13.364	105	1922063	47.880	ug/l	97
85) sec-Butylbenzene	13.498	105	2311964	46.780	ug/l	97
86) p-Isopropyltoluene	13.613	119	1853515	47.742	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	892031	46.313	ug/l	96
88) 1,4-Dichlorobenzene	13.691	146	866509	45.206	ug/l	97
89) n-Butylbenzene	13.940	91	1496937	46.738	ug/l	97
90) Hexachloroethane	14.209	117	317916	46.845	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	861103	45.250	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.600	75	130097	43.974	ug/l	81
93) 1,2,4-Trichlorobenzene	15.263	180	401159	40.478	ug/l	99
94) Hexachlorobutadiene	15.367	225	249965	44.351	ug/l	99
95) Naphthalene	15.504	128	1093887	39.769	ug/l	100
96) 1,2,3-Trichlorobenzene	15.697	180	387688	40.845	ug/l	98

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

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