Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF051019\
Data File : BF114119.D
Acq On : 10 May 2019 11:51
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
5/13/2019 8:34:17 PM

Quant Time: May 10 15:56:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 11:41:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	317227	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	1224979	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	442759	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1137100	20.00	ng	0.00
76) Chrysene-d12	14.02	240	532208	20.00	ng	0.00
87) Perylene-d12	15.49	264	475493	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	2949186	150.75	ng	0.00
7) Phenol-d6	6.50	99	3497886	142.34	ng	0.01
23) Nitrobenzene-d5	7.43	82	3387179	152.02	ng	0.01
42) 2,4,6-Tribromophenol	10.69	330	813208	145.93	ng	0.01
45) 2-Fluorobiphenyl	9.22	172	4097606	147.56	ng	0.00
79) Terphenyl-d14	12.96	244	4681500	174.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.65	88	845105	81.707	ng	99
3) Pyridine	3.40	79	2406657	90.171	ng	99
4) n-Nitrosodimethylamine	3.38	42	1157262	128.414	ng	99
6) Aniline	6.53	93	2526861	76.675	ng	99
8) 2-Chlorophenol	6.65	128	1589204	71.532	ng	96
9) Benzaldehyde	6.40	77	1174745	87.077	ng	98
10) Phenol	6.52	94	2014619	70.344	ng	88
11) bis(2-Chloroethyl)ether	6.60	93	1601299	72.023	ng	100
12) 1,3-Dichlorobenzene	6.80	146	1823406	74.495	ng	99
13) 1,4-Dichlorobenzene	6.87	146	1874146	76.250	ng	97
14) 1,2-Dichlorobenzene	7.03	146	1571036	71.465	ng	97
15) Benzyl Alcohol	7.00	79	1389551	75.699	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	3083013	137.727	ng	97
17) 2-Methylphenol	7.12	107	1405427	84.038	ng	96
18) Hexachloroethane	7.37	117	694380	82.697	ng	98
19) n-Nitroso-di-n-propylamine	7.29	70	1137000	76.412	ng	98
20) 3+4-Methylphenols	7.27	107	1419346	69.246	ng	92
22) Acetophenone	7.27	105	2029047	70.505	ng	95
24) Nitrobenzene	7.45	77	1689691	71.572	ng	96
25) Isophorone	7.69	82	3463280	79.821	ng	100
26) 2-Nitrophenol	7.76	139	947662	78.327	ng	99
27) 2,4-Dimethylphenol	7.80	122	1420311	86.664	ng	98
28) bis(2-Chloroethoxy)methane	7.89	93	2172204	81.897	ng	99
29) 2,4-Dichlorophenol	8.00	162	1363962	72.139	ng	98
30) 1,2,4-Trichlorobenzene	8.08	180	1469097	69.030	ng	99
31) Naphthalene	8.16	128	4056592	68.398	ng	96
32) Benzoic acid	7.96	122	1115808	98.706	ng	97
33) 4-Chloroaniline	8.21	127	1948781	80.442	ng	98
34) Hexachlorobutadiene	8.28	225	779909	59.575	ng	98
35) Caprolactam	8.61	113	337070m	60.421	ng	
36) 4-Chloro-3-methylphenol	8.70	107	1053000	56.689	ng	98
37) 2-Methylnaphthalene	8.85	142	2203975	55.655	ng	99
38) 1-Methylnaphthalene	8.95	142	2100606	54.832	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	988597	71.495	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	512730	90.308	ng		100
43) 2,4,6-Trichlorophenol	9.13	196	706324	79.510	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	711014	72.757	ng		95
46) 1,1'-Biphenyl	9.32	154	2721222	82.514	ng		97
47) 2-Chloronaphthalene	9.35	162	2208852	82.190	ng		99
48) 2-Nitroaniline	9.43	65	827831	110.870	ng		96
49) Acenaphthylene	9.76	152	3274845	77.283	ng		98
50) Dimethylphthalate	9.62	163	2517650	78.723	ng		99
51) 2,6-Dinitrotoluene	9.68	165	554258	76.470	ng		96
52) Acenaphthene	9.93	154	2193911m	89.277	ng		
53) 3-Nitroaniline	9.85	138	688868	90.740	ng		97
55) Dibenzofuran	10.10	168	3398561	87.940	ng		97
56) 4-Nitrophenol	10.02	139	628543	109.023	ng		86
57) 2,4-Dinitrotoluene	10.09	165	904262	92.025	ng		94
58) Fluorene	10.45	166	2589633	87.483	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.22	232	747258	86.078	ng		97
60) Diethylphthalate	10.32	149	2968061	94.515	ng		98
61) 4-Chlorophenyl-phenylether	10.43	204	1274529	83.188	ng		99
62) 4-Nitroaniline	10.47	138	881183	112.276	ng		98
63) Azobenzene	10.59	77	2860088	95.018	ng		97
65) 4,6-Dinitro-2-methylphenol	10.50	198	460098	71.561	ng		93
66) n-Nitrosodiphenylamine	10.55	169	2515350	70.859	ng		98
67) 4-Bromophenyl-phenylether	10.92	248	939417	66.522	ng		100
68) Hexachlorobenzene	10.99	284	1005082	64.828	ng		100
69) Atrazine	11.08	200	764432	64.207	ng		99
70) Pentachlorophenol	11.18	266	535431	64.968	ng		99
71) Phenanthrene	11.40	178	3879109	67.444	ng		97
72) Anthracene	11.46	178	3792920	65.310	ng		96
73) Carbazole	11.61	167	3830367	74.729	ng		97
74) Di-n-butylphthalate	11.93	149	4154281	66.412	ng	#	95
75) Fluoranthene	12.59	202	4286625	70.226	ng		96
77) Benzidine	12.70	184	2320760	151.482	ng	#	94
78) Pyrene	12.82	202	4289586	115.839	ng		95
80) Butylbenzylphthalate	13.43	149	1527143	95.604	ng		95
81) Benzo(a)anthracene	14.01	228	2695088	78.171	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	984220	77.938	ng		98
83) Chrysene	14.05	228	2570869	76.492	ng		99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1922319	86.100	ng		99
85) Di-n-octyl phthalate	14.62	149	3012332	81.415	ng		99
86) Indeno(1,2,3-cd)pyrene	16.97	276	2364365	76.318	ng		99
88) Benzo(b)fluoranthene	15.07	252	2532352	85.714	ng		98
89) Benzo(k)fluoranthene	15.10	252	2081387	79.835	ng		99
90) Benzo(a)pyrene	15.44	252	2125466	81.828	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1889715	86.565	ng		98
92) Benzo(g,h,i)perylene	17.42	276	1966863	91.442	ng		98

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

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