Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF051219\
Data File : BF114211.D
Acq On : 13 May 2019 00:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
5/13/2019 8:37:43 PM

Quant Time: May 13 09:06:49 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 15:56:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	222223	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	859614	20.00	ng		0.00
39) Acenaphthene-d10	9.89	164	384259	20.00	ng		0.00
64) Phenanthrene-d10	11.37	188	681035	20.00	ng		0.00
76) Chrysene-d12	14.02	240	486161	20.00	ng		0.00
87) Perylene-d12	15.49	264	483416	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	1076675	77.97	ng		0.00
7) Phenol-d6	6.50	99	1320126	80.83	ng		0.00
23) Nitrobenzene-d5	7.42	82	1236324	80.71	ng		0.00
42) 2,4,6-Tribromophenol	10.68	330	286752	72.18	ng		0.00
45) 2-Fluorobiphenyl	9.21	172	2041498	80.37	ng		0.00
79) Terphenyl-d14	12.96	244	1800208	76.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	271205	35.731	ng		97
3) Pyridine	3.33	79	760120	36.347	ng		95
4) n-Nitrosodimethylamine	3.27	42	348287m	34.536	ng		
6) Aniline	6.52	93	918328	38.925	ng	#	60
8) 2-Chlorophenol	6.65	128	612339	41.537	ng		96
9) Benzaldehyde	6.40	77	457290	39.994	ng		99
10) Phenol	6.52	94	755567	39.326	ng	#	67
11) bis(2-Chloroethyl)ether	6.59	93	613198	42.040	ng		99
12) 1,3-Dichlorobenzene	6.80	146	666969	40.305	ng		99
13) 1,4-Dichlorobenzene	6.87	146	677143	40.608	ng		99
14) 1,2-Dichlorobenzene	7.03	146	624624	41.001	ng		99
15) Benzyl Alcohol	7.00	79	507058	39.806	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	1114722	39.415	ng		86
17) 2-Methylphenol	7.12	107	481508	39.762	ng		97
18) Hexachloroethane	7.37	117	204274	32.636	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	402657	38.896	ng		97
20) 3+4-Methylphenols	7.27	107	587024	41.956	ng	#	72
22) Acetophenone	7.26	105	792364	41.609	ng		94
24) Nitrobenzene	7.43	77	642961	41.213	ng		100
25) Isophorone	7.67	82	1101217	38.765	ng		99
26) 2-Nitrophenol	7.75	139	316374	41.799	ng		98
27) 2,4-Dimethylphenol	7.79	122	469739	39.515	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	762056	41.344	ng		98
29) 2,4-Dichlorophenol	8.00	162	478217	40.399	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	540627	40.164	ng		99
31) Naphthalene	8.16	128	1656021	41.242	ng		99
32) Benzoic acid	7.92	122	361959m	43.477	ng		
33) 4-Chloroaniline	8.20	127	755061	41.265	ng		98
34) Hexachlorobutadiene	8.27	225	302349	39.477	ng		98
35) Caprolactam	8.57	113	161932	41.953	ng		99
36) 4-Chloro-3-methylphenol	8.69	107	482551	40.498	ng		98
37) 2-Methylnaphthalene	8.85	142	1084534	41.863	ng		97
38) 1-Methylnaphthalene	8.95	142	1016268	41.655	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	492650	42.324	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	10316	6.123	ng		97
43) 2,4,6-Trichlorophenol	9.13	196	336935	42.083	ng		99
44) 2,4,5-Trichlorophenol	9.17	196	339443	41.341	ng		97
46) 1,1'-Biphenyl	9.31	154	1318535	42.475	ng		98
47) 2-Chloronaphthalene	9.34	162	1041098	41.672	ng		97
48) 2-Nitroaniline	9.43	65	368635	41.606	ng		98
49) Acenaphthylene	9.75	152	1568785	41.286	ng		99
50) Dimethylphthalate	9.61	163	1179809	41.825	ng		100
51) 2,6-Dinitrotoluene	9.67	165	256744	41.036	ng	#	84
52) Acenaphthene	9.92	154	929932	39.882	ng		99
53) 3-Nitroaniline	9.85	138	313669	40.387	ng		97
54) 2,4-Dinitrophenol	9.96	184	59118	23.952	ng		89
55) Dibenzofuran	10.09	168	1366965	39.980	ng		98
56) 4-Nitrophenol	10.02	139	173079	31.512	ng		92
57) 2,4-Dinitrotoluene	10.08	165	326924	38.498	ng		95
58) Fluorene	10.44	166	1044294	39.542	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.22	232	256671	36.229	ng		99
60) Diethylphthalate	10.30	149	1161971	40.541	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	526904	40.622	ng		98
62) 4-Nitroaniline	10.46	138	299425	36.689	ng		93
63) Azobenzene	10.59	77	1096416	39.521	ng		99
65) 4,6-Dinitro-2-methylphenol	10.49	198	85436	26.108	ng		99
66) n-Nitrosodiphenylamine	10.55	169	928116	44.903	ng		99
67) 4-Bromophenyl-phenylether	10.92	248	327727	43.706	ng		98
68) Hexachlorobenzene	10.99	284	351534	42.377	ng		95
69) Atrazine	11.07	200	273026	42.446	ng		99
70) Pentachlorophenol	11.19	266	138813	35.300	ng		99
71) Phenanthrene	11.40	178	1396394	42.145	ng		98
72) Anthracene	11.45	178	1405523	42.234	ng		99
73) Carbazole	11.60	167	1290845	40.676	ng		99
74) Di-n-butylphthalate	11.93	149	1713699	46.872	ng		100
75) Fluoranthene	12.59	202	1409747	39.511	ng		98
77) Benzidine	12.70	184	701593	32.149	ng		97
78) Pyrene	12.82	202	1435529	36.706	ng		99
80) Butylbenzylphthalate	13.43	149	663705	40.319	ng		99
81) Benzo(a)anthracene	14.00	228	1327161	42.206	ng		100
82) 3,3'-Dichlorobenzidine	13.96	252	532186	43.628	ng		99
83) Chrysene	14.04	228	1284486	41.671	ng		97
84) Bis(2-ethylhexyl)phthalate	13.99	149	903438	41.963	ng		99
85) Di-n-octyl phthalate	14.60	149	1530908	43.865	ng		99
86) Indeno(1,2,3-cd)pyrene	16.96	276	1088478	39.956	ng		98
88) Benzo(b)fluoranthene	15.06	252	1325699	42.805	ng		99
89) Benzo(k)fluoranthene	15.09	252	1173872	41.262	ng		99
90) Benzo(a)pyrene	15.43	252	1132152	41.537	ng		99
91) Dibenzo(a,h)anthracene	16.97	278	904093	39.918	ng		100
92) Benzo(g,h,i)perylene	17.41	276	858675	37.831	ng		98

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

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