Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099248.D
Acq On : 8 Oct 2017 23:15
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/9/2017 6:36:08 PM

Quant Time: Oct 09 03:42:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	126378	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	537466	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	240988	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	418888	20.00	ng		0.00
75) Chrysene-d12	14.03	240	280175	20.00	ng		0.00
86) Perylene-d12	15.50	264	217931	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	652978	82.25	ng		0.00
7) Phenol-d6	6.50	99	797576	81.44	ng		0.00
23) Nitrobenzene-d5	7.43	82	654773	78.13	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	157196	79.72	ng		0.00
44) 2-Fluorobiphenyl	9.22	172	1162247	80.51	ng		0.00
78) Terphenyl-d14	12.97	244	1043417	84.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.63	88	149657	39.464	ng		93
3) Pyridine	3.42	79	404884	39.467	ng		92
4) n-Nitrosodimethylamine	3.38	42	153523	35.290	ng	#	79
6) Aniline	6.53	93	524957	39.716	ng		97
8) 2-Chlorophenol	6.65	128	366098	40.721	ng		97
9) Benzaldehyde	6.42	77	202728	35.686	ng		92
10) Phenol	6.52	94	471161	43.018	ng		97
11) bis(2-Chloroethyl)ether	6.60	93	332596	39.061	ng		98
12) 1,3-Dichlorobenzene	6.80	146	381965	40.568	ng		98
13) 1,4-Dichlorobenzene	6.88	146	386059	40.300	ng		99
14) 1,2-Dichlorobenzene	7.04	146	356832	40.313	ng		97
15) Benzyl Alcohol	7.01	79	270503	37.651	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.14	45	476281	35.902	ng		95
17) 2-Methylphenol	7.12	107	293319	39.874	ng		97
18) Hexachloroethane	7.37	117	133201	38.684	ng		97
19) n-Nitroso-di-n-propylamine	7.28	70	222130	35.526	ng		93
20) 3+4-Methylphenols	7.27	107	352041	37.829	ng	#	72
22) Acetophenone	7.28	105	474206	36.416	ng	#	94
24) Nitrobenzene	7.45	77	362009	38.078	ng		96
25) Isophorone	7.69	82	648738	37.440	ng		99
26) 2-Nitrophenol	7.77	139	204027	44.628	ng	#	85
27) 2,4-Dimethylphenol	7.80	122	321068	37.188	ng		96
28) bis(2-Chloroethoxy)methane	7.90	93	414222	38.360	ng		100
29) 2,4-Dichlorophenol	8.00	162	300749	40.572	ng		98
30) 1,2,4-Trichlorobenzene	8.09	180	296935	40.051	ng		99
31) Naphthalene	8.17	128	977882	38.739	ng		99
32) Benzoic acid	7.93	122	185312m	26.130	ng		
33) 4-Chloroaniline	8.22	127	429180	40.714	ng		96
34) Hexachlorobutadiene	8.28	225	149505	39.151	ng		99
35) Caprolactam	8.60	113	93316	39.245	ng		94
36) 4-Chloro-3-methylphenol	8.70	107	326186	39.150	ng		98
37) 2-Methylnaphthalene	8.86	142	643973	39.243	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	294245	40.942	ng		99
40) Hexachlorocyclopentadiene	9.01	237	137725	41.933	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.14	196	197348	38.761	ng		98
43) 2,4,5-Trichlorophenol	9.18	196	202344	39.811	ng		96
45) 1,1'-Biphenyl	9.33	154	823967	39.783	ng		99
46) 2-Chloronaphthalene	9.35	162	620823	39.923	ng		98
47) 2-Nitroaniline	9.45	65	182994	38.431	ng		88
48) Acenaphthylene	9.77	152	939077	39.448	ng		99
49) Dimethylphthalate	9.63	163	721803	39.685	ng		99
50) 2,6-Dinitrotoluene	9.69	165	165143	41.705	ng	#	85
51) Acenaphthene	9.94	154	555099	36.811	ng		99
52) 3-Nitroaniline	9.86	138	191032	41.375	ng		92
53) 2,4-Dinitrophenol	9.97	184	34201	21.209	ng		95
54) Dibenzofuran	10.11	168	781666	38.932	ng		99
55) 4-Nitrophenol	10.02	139	122757	31.443	ng		83
56) 2,4-Dinitrotoluene	10.10	165	214412	41.722	ng	#	84
57) Fluorene	10.45	166	640899	39.714	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.23	232	132535	37.749	ng		97
59) Diethylphthalate	10.32	149	662107	37.254	ng		98
60) 4-Chlorophenyl-phenylether	10.44	204	283748	39.143	ng		97
61) 4-Nitroaniline	10.48	138	193220	43.377	ng		86
62) Azobenzene	10.60	77	592475	36.256	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	85839	33.681	ng		87
65) n-Nitrosodiphenylamine	10.56	169	576342	39.716	ng		100
66) 4-Bromophenyl-phenylether	10.93	248	164115	40.026	ng		90
67) Hexachlorobenzene	11.00	284	175657	40.112	ng		97
68) Atrazine	11.09	200	172070	39.411	ng		98
69) Pentachlorophenol	11.19	266	92549	33.957	ng		98
70) Phenanthrene	11.42	178	895558	39.941	ng		99
71) Anthracene	11.47	178	918187	40.022	ng		99
72) Carbazole	11.62	167	894144	39.799	ng		99
73) Di-n-butylphthalate	11.94	149	1023431	37.846	ng		100
74) Fluoranthene	12.60	202	888134	39.117	ng		99
76) Benzidine	12.72	184	412546	39.811	ng		99
77) Pyrene	12.83	202	919336	43.031	ng		100
79) Butylbenzylphthalate	13.44	149	412067	41.039	ng		95
80) Benzo(a)anthracene	14.02	228	680532	40.113	ng		99
81) 3,3'-Dichlorobenzidine	13.98	252	236316	37.997	ng		99
82) Chrysene	14.06	228	637137	39.447	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	525511	38.010	ng	#	99
84) Di-n-octyl phthalate	14.60	149	772465	34.699	ng		96
85) Indeno(1,2,3-cd)pyrene	16.99	276	546462	42.294	ng		96
87) Benzo(b)fluoranthene	15.07	252	537934	40.146	ng		99
88) Benzo(k)fluoranthene	15.10	252	513492	38.799	ng		100
89) Benzo(a)pyrene	15.44	252	493090	40.090	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	439249	44.624	ng		96
91) Benzo(g,h,i)perylene	17.44	276	463237	47.610	ng		94

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

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