Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010218\

Quantitation Report (QT Reviewed)

Data File : BF101842.D
Acq On : 2 Jan 2018 11:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/3/2018 10:26:07 AM

Quant Time: Jan 02 13:45:51 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	148129	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	580518	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	260999	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	520966	20.00	ng		0.00
75) Chrysene-d12	13.97	240	377220	20.00	ng		0.00
86) Perylene-d12	15.43	264	347492	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	807131	81.16	ng		0.00
7) Phenol-d6	6.43	99	899762	72.70	ng		0.00
23) Nitrobenzene-d5	7.36	82	803502	77.05	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	221960	88.26	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	1287880	76.54	ng		0.00
78) Terphenyl-d14	12.89	244	1256748	80.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	177754	34.79	ng		95
3) Pyridine	3.22	79	489630	34.49	ng		98
4) n-Nitrosodimethylamine	3.19	42	228055	34.89	ng		100
6) Aniline	6.45	93	605743	35.22	ng	#	81
8) 2-Chlorophenol	6.57	128	403222	38.55	ng		98
9) Benzaldehyde	6.35	77	416791	45.60	ng		96
10) Phenol	6.45	94	498242	35.32	ng	#	55
11) bis(2-Chloroethyl)ether	6.52	93	411295	37.17	ng		97
12) 1,3-Dichlorobenzene	6.72	146	461365	39.08	ng		98
13) 1,4-Dichlorobenzene	6.80	146	476000	39.48	ng		97
14) 1,2-Dichlorobenzene	6.95	146	410734	37.85	ng		96
15) Benzyl Alcohol	6.94	79	308375	36.20	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.05	45	602314	35.57	ng	#	29
17) 2-Methylphenol	7.05	107	347460	36.11	ng	#	90
18) Hexachloroethane	7.28	117	160039	38.18	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	288581	35.51	ng		95
20) 3+4-Methylphenols	7.21	107	438832	43.04	ng	#	80
22) Acetophenone	7.20	105	516121	38.96	ng	#	93
24) Nitrobenzene	7.37	77	437938	37.94	ng		99
25) Isophorone	7.61	82	769556	36.78	ng		99
26) 2-Nitrophenol	7.69	139	223683	45.11	ng		94
27) 2,4-Dimethylphenol	7.73	122	320647	38.06	ng		98
28) bis(2-Chloroethoxy)methane	7.81	93	495245	37.27	ng		99
29) 2,4-Dichlorophenol	7.94	162	348582	41.88	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	340814	38.80	ng		96
31) Naphthalene	8.09	128	1099591	37.62	ng		99
32) Benzoic acid	7.91	122	255053	45.44	ng		98
33) 4-Chloroaniline	8.15	127	488266	38.44	ng		98
34) Hexachlorobutadiene	8.19	225	205095	40.38	ng		99
35) Caprolactam	8.53	113	110774m	38.33	ng		
36) 4-Chloro-3-methylphenol	8.64	107	362424	39.62	ng		98
37) 2-Methylnaphthalene	8.77	142	709666	37.27	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	354552	40.24	ng		97
40) Hexachlorocyclopentadiene	8.92	237	36091	34.14	ng		98

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Quant Time: Jan 02 13:45:51 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 13:21:45 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	219345	41.35	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	210473	36.23	ng		97
45) 1,1'-Biphenyl	9.24	154	887554	38.34	ng		99
46) 2-Chloronaphthalene	9.27	162	681593	38.48	ng		98
47) 2-Nitroaniline	9.38	65	245306	40.09	ng		92
48) Acenaphthylene	9.68	152	1058393	37.84	ng		100
49) Dimethylphthalate	9.55	163	797296	37.98	ng		99
50) 2,6-Dinitrotoluene	9.62	165	171295	40.15	ng	#	82
51) Acenaphthene	9.85	154	636003	37.84	ng		99
52) 3-Nitroaniline	9.80	138	222505	41.83	ng		98
53) 2,4-Dinitrophenol	9.94	184	81270	57.95	ng	#	18
54) Dibenzofuran	10.03	168	916066	42.89	ng		98
55) 4-Nitrophenol	9.99	139	86857	37.44	ng		95
56) 2,4-Dinitrotoluene	10.04	165	243351	50.62	ng	#	98
57) Fluorene	10.37	166	746970	41.34	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	177240	42.47	ng	#	83
59) Diethylphthalate	10.24	149	813808	39.14	ng		96
60) 4-Chlorophenyl-phenylether	10.36	204	363882	42.02	ng		90
61) 4-Nitroaniline	10.42	138	214248	40.07	ng		95
62) Azobenzene	10.52	77	785269	36.46	ng		97
64) 4,6-Dinitro-2-methylphenol	10.46	198	122660	46.14	ng		84
65) n-Nitrosodiphenylamine	10.48	169	706322	36.72	ng		96
66) 4-Bromophenyl-phenylether	10.85	248	226604	38.71	ng	#	87
67) Hexachlorobenzene	10.92	284	238979	38.57	ng		93
68) Atrazine	11.01	200	217606	37.94	ng		98
69) Pentachlorophenol	11.13	266	67085m	32.12	ng		
70) Phenanthrene	11.34	178	1051372	36.29	ng		99
71) Anthracene	11.39	178	1097455	37.08	ng		100
72) Carbazole	11.55	167	1043317	37.65	ng		99
73) Di-n-butylphthalate	11.86	149	1285693	38.23	ng		100
74) Fluoranthene	12.53	202	1116611	36.72	ng		98
76) Benzidine	12.65	184	752361	47.22	ng		100
77) Pyrene	12.76	202	1146382	40.49	ng		100
79) Butylbenzylphthalate	13.36	149	528158	41.23	ng		99
80) Benzo(a)anthracene	13.96	228	934024	37.50	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	294751	36.29	ng	#	98
82) Chrysene	13.99	228	875494	37.23	ng		99
83) Bis(2-ethylhexyl)phthalate	13.91	149	632671	38.99	ng		100
84) Di-n-octyl phthalate	14.52	149	1128728	39.01	ng		99
85) Indeno(1,2,3-cd)pyrene	16.92	276	767388	36.64	ng		97
87) Benzo(b)fluoranthene	15.01	252	811180	38.30	ng		99
88) Benzo(k)fluoranthene	15.03	252	758262	36.82	ng		97
89) Benzo(a)pyrene	15.37	252	724961	37.13	ng		98
90) Dibenzo(a,h)anthracene	16.91	278	644813	38.46	ng		98
91) Benzo(g,h,i)perylene	17.37	276	666097	40.13	ng		95

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

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