Data Path : Z:\HPCHEM1\BNA_F\DATA\BF092317\

Quantitation Report (QT Reviewed)

Data File : BF098735.D
Acq On : 23 Sep 2017 13:18
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC080

Manual Integrations APPROVED
Sohil
9/25/2017 6:26:07 PM

Quant Time: Sep 23 13:51:38 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 12:56:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	174112	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	729692	20.00	ng		0.00
38) Acenaphthene-d10	9.97	164	324393	20.00	ng		0.00
63) Phenanthrene-d10	11.45	188	556561	20.00	ng		0.00
75) Chrysene-d12	14.09	240	359883	20.00	ng		0.00
86) Perylene-d12	15.58	264	293072	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	1610359	140.45	ng		0.00
7) Phenol-d6	6.56	99	1974948	142.24	ng		0.02
23) Nitrobenzene-d5	7.50	82	1707958	158.77	ng		0.01
41) 2,4,6-Tribromophenol	10.76	330	398025	134.17	ng		0.00
44) 2-Fluorobiphenyl	9.29	172	2626945	128.86	ng		0.00
78) Terphenyl-d14	13.04	244	2330613	139.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	400923	74.03	ng		99
3) Pyridine	3.55	79	1125218	78.18	ng		99
4) n-Nitrosodimethylamine	3.52	42	475884	75.45	ng	#	96
6) Aniline	6.60	93	1388072	75.47	ng		99
8) 2-Chlorophenol	6.72	128	883313	70.92	ng		99
10) Phenol	6.57	94	1092003	71.26	ng		95
11) bis(2-Chloroethyl)ether	6.67	93	877952	74.37	ng		99
12) 1,3-Dichlorobenzene	6.87	146	945226	71.85	ng		99
13) 1,4-Dichlorobenzene	6.95	146	951290	71.44	ng		99
14) 1,2-Dichlorobenzene	7.10	146	831680	66.98	ng		98
15) Benzyl Alcohol	7.07	79	681642	68.04	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1342157	71.34	ng		97
17) 2-Methylphenol	7.17	107	761277	75.01	ng		99
18) Hexachloroethane	7.44	117	348537	76.03	ng		96
19) n-Nitroso-di-n-propylamine	7.36	70	627318	72.93	ng		96
20) 3+4-Methylphenols	7.33	107	870595	66.53	ng	#	88
22) Acetophenone	7.35	105	1213216	67.21	ng		97
24) Nitrobenzene	7.52	77	953049	76.71	ng		99
25) Isophorone	7.76	82	1819940	77.57	ng		99
26) 2-Nitrophenol	7.83	139	504345	99.87	ng		93
27) 2,4-Dimethylphenol	7.86	122	864132	75.00	ng		96
28) bis(2-Chloroethoxy)methane	7.96	93	1091811	74.79	ng		99
29) 2,4-Dichlorophenol	8.06	162	755957	76.27	ng		99
30) 1,2,4-Trichlorobenzene	8.15	180	728174	72.84	ng		99
31) Naphthalene	8.23	128	2396082	69.19	ng		99
32) Benzoic acid	8.03	122	821400m	133.42	ng		
33) 4-Chloroaniline	8.28	127	1016687	70.61	ng		98
34) Hexachlorobutadiene	8.35	225	374084	69.46	ng		99
35) Caprolactam	8.69	113	265906m	86.04	ng		
36) 4-Chloro-3-methylphenol	8.76	107	828779	73.26	ng		95
37) 2-Methylnaphthalene	8.92	142	1548801	69.65	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	686337	71.54	ng		99
40) Hexachlorocyclopentadiene	9.07	237	353496	84.79	ng		98
42) 2,4,6-Trichlorophenol	9.20	196	538629	83.31	ng		99

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	499480	75.34	ng		97
45) 1,1'-Biphenyl	9.39	154	1868828	67.06	ng		99
46) 2-Chloronaphthalene	9.42	162	1483013	70.96	ng		98
47) 2-Nitroaniline	9.51	65	490163	83.53	ng		100
48) Acenaphthylene	9.83	152	2229958	69.38	ng		99
49) Dimethylphthalate	9.70	163	1811634	74.47	ng		99
50) 2,6-Dinitrotoluene	9.76	165	417859	87.05	ng		89
51) Acenaphthene	10.00	154	1438374	72.09	ng		98
52) 3-Nitroaniline	9.93	138	472344	82.54	ng		94
53) 2,4-Dinitrophenol	10.03	184	223397	146.97	ng		90
54) Dibenzofuran	10.17	168	1861425	68.33	ng		97
55) 4-Nitrophenol	10.07	139	412403	82.82	ng		95
56) 2,4-Dinitrotoluene	10.16	165	540574	83.83	ng		98
57) Fluorene	10.52	166	1412622	64.51	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	347918	73.76	ng		98
59) Diethylphthalate	10.39	149	1690591	70.92	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	641412	66.86	ng		99
61) 4-Nitroaniline	10.55	138	460750	83.95	ng		94
62) Azobenzene	10.67	77	1520777	68.21	ng		95
64) 4,6-Dinitro-2-methylphenol	10.57	198	295679	122.73	ng		87
65) n-Nitrosodiphenylamine	10.63	169	1384161	72.25	ng		99
66) 4-Bromophenyl-phenylether	11.00	248	400818	71.32	ng		95
67) Hexachlorobenzene	11.06	284	431010	67.31	ng		96
68) Atrazine	11.15	200	418306	72.59	ng		98
69) Pentachlorophenol	11.25	266	289277	79.04	ng		99
70) Phenanthrene	11.48	178	2038551	67.52	ng		99
71) Anthracene	11.53	178	2092795	67.98	ng		99
72) Carbazole	11.69	167	2041508	67.87	ng		98
73) Di-n-butylphthalate	12.01	149	2451970	70.18	ng		100
74) Fluoranthene	12.67	202	2038100	67.74	ng		99
76) Benzidine	12.79	184	910171	62.28	ng	#	93
77) Pyrene	12.90	202	2114870	79.15	ng		99
79) Butylbenzylphthalate	13.50	149	1028110	93.01	ng		99
80) Benzo(a)anthracene	14.09	228	1622217	74.83	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	557849	72.11	ng		96
82) Chrysene	14.12	228	1513129	72.28	ng		100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1297810	84.88	ng		99
84) Di-n-octyl phthalate	14.67	149	2108796	91.84	ng		98
85) Indeno(1,2,3-cd)pyrene	17.10	276	1348654	83.05	ng		97
87) Benzo(b)fluoranthene	15.14	252	1346664	79.23	ng		97
88) Benzo(k)fluoranthene	15.18	252	1342274	79.03	ng		99
89) Benzo(a)pyrene	15.52	252	1264892	81.95	ng	#	96
90) Dibenzo(a,h)anthracene	17.13	278	1082147	82.89	ng		98
91) Benzo(g,h,i)perylene	17.57	276	1114003	84.89	ng		96

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

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