Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091516\
Data File : BF090076.D
Acq On : 15 Sep 2016 3:37
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
9/15/2016 12:52:26 PM

Quant Time: Sep 15 05:11:45 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 15 04:11:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	161733	20.00	ng	0.00
21) Naphthalene-d8	7.84	136	671825	20.00	ng	0.00
38) Acenaphthene-d10	9.59	164	331573	20.00	ng	0.00
63) Phenanthrene-d10	11.05	188	590627	20.00	ng	0.00
75) Chrysene-d12	13.67	240	438794	20.00	ng	0.00
86) Perylene-d12	14.99	264	376899	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	866330	85.62	ng	0.00
7) Phenol-d6	6.20	99	1010553	76.46	ng	0.00
23) Nitrobenzene-d5	7.13	82	978894	82.21	ng	0.00
41) 2,4,6-Tribromophenol	10.38	330	259168	76.50	ng	0.00
44) 2-Fluorobiphenyl	8.92	172	1550343	72.98	ng	0.00
78) Terphenyl-d14	12.64	244	1368944	77.71	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.99	88	200891	39.80	ng	100
3) Pyridine	2.59	79	474755	37.22	ng	100
4) n-Nitrosodimethylamine	2.56	42	148109	38.14	ng	100
6) Aniline	6.22	93	660239	40.18	ng	100
8) 2-Chlorophenol	6.33	128	461867	39.85	ng	100
9) Benzaldehyde	6.09	77	289111	41.26	ng	100
10) Phenol	6.22	94	543312	35.35	ng	100
11) bis(2-Chloroethyl)ether	6.30	93	461625	39.10	ng	100
12) 1,3-Dichlorobenzene	6.49	146	481678	40.29	ng	100
13) 1,4-Dichlorobenzene	6.57	146	499895	40.77	ng	100
14) 1,2-Dichlorobenzene	6.73	146	426119	37.77	ng	100
15) Benzyl Alcohol	6.71	79	295832	39.53	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.84	45	585909	41.24	ng	100
17) 2-Methylphenol	6.83	107	383662	40.57	ng	100
18) Hexachloroethane	7.06	117	172644	38.50	ng	100
19) n-Nitroso-di-n-propylamine	6.99	70	323858	39.68	ng	100
20) 3+4-Methylphenols	6.99	107	480059	42.19	ng	100
22) Acetophenone	6.98	105	669127	41.16	ng	100
24) Nitrobenzene	7.14	77	480509	38.18	ng	100
25) Isophorone	7.39	82	1021118	40.96	ng	100
26) 2-Nitrophenol	7.46	139	265254	43.73	ng	100
27) 2,4-Dimethylphenol	7.52	122	469260	43.86	ng	100
28) bis(2-Chloroethoxy)methane	7.61	93	604714	41.63	ng	100
29) 2,4-Dichlorophenol	7.71	162	402409	42.43	ng	100
30) 1,2,4-Trichlorobenzene	7.78	180	385739	41.35	ng	100
31) Naphthalene	7.86	128	1250017	37.83	ng	100
32) Benzoic acid	7.68	122	362232	43.89	ng	100
33) 4-Chloroaniline	7.92	127	540253	38.76	ng	100
34) Hexachlorobutadiene	7.99	225	182092	38.30	ng	100
35) Caprolactam	8.31	113	121305	37.63	ng	100
36) 4-Chloro-3-methylphenol	8.41	107	421090	38.01	ng	100
37) 2-Methylnaphthalene	8.55	142	796445	39.01	ng	100
39) 1,2,4,5-Tetrachlorobenzene	8.72	216	309171	36.03	ng	100
40) Hexachlorocyclopentadiene	8.71	237	173928	39.07	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.83	196	236046	37.29	ng	100
43) 2,4,5-Trichlorophenol	8.88	196	257574	37.96	ng	100
45) 1,1'-Biphenyl	9.02	154	979339	35.21	ng	100
46) 2-Chloronaphthalene	9.04	162	763608	39.02	ng	100
47) 2-Nitroaniline	9.14	65	263711	41.01	ng	100
48) Acenaphthylene	9.45	152	1316469	38.91	ng	100
49) Dimethylphthalate	9.34	163	987676	40.02	ng	100
50) 2,6-Dinitrotoluene	9.38	165	210738	38.30	ng	100
51) Acenaphthene	9.62	154	760397	37.60	ng	100
52) 3-Nitroaniline	9.55	138	267429	40.00	ng	100
53) 2,4-Dinitrophenol	9.66	184	125869	48.22	ng	100
54) Dibenzofuran	9.79	168	1049124	39.67	ng	100
55) 4-Nitrophenol	9.72	139	192297	29.32	ng	100
56) 2,4-Dinitrotoluene	9.78	165	237922	35.34	ng	100
57) Fluorene	10.12	166	745712	36.03	ng	100
58) 2,3,4,6-Tetrachlorophenol	9.91	232	183491	35.81	ng	100
59) Diethylphthalate	10.02	149	857587	36.00	ng	100
60) 4-Chlorophenyl-phenylether	10.12	204	313117	35.54	ng	100
61) 4-Nitroaniline	10.17	138	273207	39.92	ng	100
62) Azobenzene	10.28	77	947994	37.46	ng	100
64) 4,6-Dinitro-2-methylphenol	10.19	198	170154	44.56	ng	100
65) n-Nitrosodiphenylamine	10.25	169	715002	37.88	ng	100
66) 4-Bromophenyl-phenylether	10.62	248	239937	42.31	ng	100
67) Hexachlorobenzene	10.67	284	273023	41.05	ng	100
68) Atrazine	10.79	200	246140	44.99	ng	100
69) Pentachlorophenol	10.87	266	172544	43.52	ng	100
70) Phenanthrene	11.07	178	1114643	38.88	ng	100
71) Anthracene	11.13	178	1203738	40.10	ng	100
72) Carbazole	11.29	167	1313420	41.17	ng	100
73) Di-n-butylphthalate	11.63	149	1286698	36.55	ng	100
74) Fluoranthene	12.25	202	1108132	37.38	ng	100
76) Benzidine	12.39	184	745789	41.27	ng	100
77) Pyrene	12.48	202	1211946	39.43	ng	100
79) Butylbenzylphthalate	13.12	149	621157	40.07	ng	100
80) Benzo(a)anthracene	13.66	228	993555	40.10	ng	100
81) 3,3'-Dichlorobenzidine	13.63	252	430513	41.23	ng	100
82) Chrysene	13.69	228	794103	32.81	ng	100
83) Bis(2-ethylhexyl)phthalate	13.68	149	731899	38.19	ng	100
84) Di-n-octyl phthalate	14.29	149	1308103	38.64	ng	100
85) Indeno(1,2,3-cd)pyrene	16.17	276	711029	33.94	ng	100
87) Benzo(b)fluoranthene	14.64	252	757827m	33.15	ng	
88) Benzo(k)fluoranthene	14.67	252	934276m	49.95	ng	
89) Benzo(a)pyrene	14.95	252	785305	39.26	ng	100
90) Dibenzo(a,h)anthracene	16.19	278	598858	37.77	ng	100
91) Benzo(g,h,i)perylene	16.53	276	558917	36.88	ng	100

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

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