Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042216\
Data File : BF086356.D
Acq On : 22 Apr 2016 20:53
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
sohil
4/25/2016 12:35:36 PM

Quant Time: Apr 22 23:53:50 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 22 23:16:18 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	170750	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	746903	20.00	ng	0.00
38) Acenaphthene-d10	9.88	164	358540	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	646750m	20.00	ng	0.00
75) Chrysene-d12	14.00	240	520506	20.00	ng	0.00
86) Perylene-d12	15.41	264	489106	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	801780	81.91	ng	0.00
7) Phenol-d6	6.48	99	1078301	83.62	ng	0.00
23) Nitrobenzene-d5	7.41	82	1010747	77.58	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	257362	90.13	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1623752	75.16	ng	0.00
78) Terphenyl-d14	12.95	244	1491094	69.18	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.41	88	208145	39.45	ng	100
3) Pyridine	3.13	79	559756	40.85	ng	100
4) n-Nitrosodimethylamine	3.07	42	193446	41.52	ng	100
6) Aniline	6.50	93	684132	39.85	ng	100
8) 2-Chlorophenol	6.62	128	470833	40.29	ng	100
9) Benzaldehyde	6.38	77	349057	38.83	ng	100
10) Phenol	6.49	94	649966	43.79	ng	100
11) bis(2-Chloroethyl)ether	6.58	93	520159	40.55	ng	100
12) 1,3-Dichlorobenzene	6.78	146	515144	40.38	ng	100
13) 1,4-Dichlorobenzene	6.86	146	545837	39.93	ng	100
14) 1,2-Dichlorobenzene	7.01	146	498034	40.86	ng	100
15) Benzyl Alcohol	6.99	79	329929	41.49	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	696900	39.05	ng	100
17) 2-Methylphenol	7.10	107	397284	40.85	ng	100
18) Hexachloroethane	7.36	117	181287	44.29	ng	100
19) n-Nitroso-di-n-propylamine	7.26	70	318606	40.99	ng	100
20) 3+4-Methylphenols	7.25	107	419179	39.62	ng	100
22) Acetophenone	7.25	105	593543	37.67	ng	100
24) Nitrobenzene	7.42	77	517649	37.19	ng	100
25) Isophorone	7.66	82	906677	36.82	ng	100
26) 2-Nitrophenol	7.74	139	280441	44.81	ng	100
27) 2,4-Dimethylphenol	7.79	122	441548	36.31	ng	100
28) bis(2-Chloroethoxy)methane	7.88	93	534569	37.43	ng	100
29) 2,4-Dichlorophenol	7.98	162	397656	41.10	ng	100
30) 1,2,4-Trichlorobenzene	8.08	180	396635	38.15	ng	100
31) Naphthalene	8.16	128	1472085	41.12	ng	100
32) Benzoic acid	7.90	122	292001	40.43	ng	100
33) 4-Chloroaniline	8.20	127	619420	41.77	ng	100
34) Hexachlorobutadiene	8.27	225	190767	36.46	ng	100
35) Caprolactam	8.57	113	133853	42.78	ng	100
36) 4-Chloro-3-methylphenol	8.68	107	467655	42.71	ng	100
37) 2-Methylnaphthalene	8.84	142	874040	39.56	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	354628	37.31	ng	100
40) Hexachlorocyclopentadiene	8.99	237	182437	78.57	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	248982	37.80	ng	100
43) 2,4,5-Trichlorophenol	9.16	196	284444	39.40	ng	100
45) 1,1'-Biphenyl	9.31	154	1065496	37.98	ng	100
46) 2-Chloronaphthalene	9.33	162	866868	40.68	ng	100
47) 2-Nitroaniline	9.42	65	289618	40.01	ng	100
48) Acenaphthylene	9.74	152	1421645	42.21	ng	100
49) Dimethylphthalate	9.61	163	1004899	36.80	ng	100
50) 2,6-Dinitrotoluene	9.66	165	224120	39.86	ng	100
51) Acenaphthene	9.92	154	874199	43.82	ng	100
52) 3-Nitroaniline	9.84	138	291988	40.75	ng	100
53) 2,4-Dinitrophenol	9.94	184	122260	93.27	ng	100
54) Dibenzofuran	10.09	168	1118373	41.74	ng	100
55) 4-Nitrophenol	10.00	139	204209	44.90	ng	100
56) 2,4-Dinitrotoluene	10.06	165	295373	41.88	ng	100
57) Fluorene	10.43	166	901838	44.81	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.20	232	213588	43.74	ng	100
59) Diethylphthalate	10.30	149	966633	36.43	ng	100
60) 4-Chlorophenyl-phenylether	10.42	204	374281	40.54	ng	100
61) 4-Nitroaniline	10.45	138	304058	44.41	ng	100
62) Azobenzene	10.58	77	1000909	38.12	ng	100
64) 4,6-Dinitro-2-methylphenol	10.48	198	171187	79.96	ng	100
65) n-Nitrosodiphenylamine	10.54	169	796856	38.09	ng	100
66) 4-Bromophenyl-phenylether	10.91	248	249835	36.37	ng	100
67) Hexachlorobenzene	10.98	284	266762	38.57	ng	100
68) Atrazine	11.07	200	259137	39.94	ng	100
69) Pentachlorophenol	11.16	266	166823	45.12	ng	100
70) Phenanthrene	11.39	178	1304646	42.52	ng	100
71) Anthracene	11.44	178	1411742	42.60	ng	100
72) Carbazole	11.60	167	1430768	45.31	ng	100
73) Di-n-butylphthalate	11.93	149	1449604	37.09	ng	100
74) Fluoranthene	12.57	202	1340718	45.91	ng	100
76) Benzidine	12.69	184	856937	37.34	ng	100
77) Pyrene	12.80	202	1337703	34.95	ng	100
79) Butylbenzylphthalate	13.43	149	692841	34.80	ng	100
80) Benzo(a)anthracene	13.99	228	1064582	38.96	ng	100
81) 3,3'-Dichlorobenzidine	13.95	252	731616	38.47	ng	100
82) Chrysene	14.02	228	1090490	36.72	ng	100
83) Bis(2-ethylhexyl)phthalate	13.99	149	730477	31.61	ng	100
84) Di-n-octyl phthalate	14.59	149	1413824	33.63	ng	100
85) Indeno(1,2,3-cd)pyrene	16.79	276	990641	33.38	ng	100
87) Benzo(b)fluoranthene	15.00	252	1247955m	42.93	ng	
88) Benzo(k)fluoranthene	15.04	252	886849m	37.72	ng	
89) Benzo(a)pyrene	15.36	252	1023847	39.22	ng	100
90) Dibenzo(a,h)anthracene	16.81	278	818330	36.40	ng	100
91) Benzo(g,h,i)perylene	17.20	276	832584	38.33	ng	100

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

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