Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072415\
Data File : BF080631.D
Acq On : 24 Jul 2015 17:54
Operator : TP/UM
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
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7/27/2015 4:21:40 PM

Quant Time: Jul 24 23:11:03 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 24 22:49:30 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	51779	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	183880	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	101072	20.00	ng	0.00
63) Phenanthrene-d10	11.46	188	183451	20.00	ng	0.00
75) Chrysene-d12	14.16	240	163319	20.00	ng	0.00
86) Perylene-d12	15.73	264	147753	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	252974	84.61	ng	0.00
7) Phenol-d6	6.54	99	311043	85.67	ng	0.00
23) Nitrobenzene-d5	7.49	82	299890	91.51	ng	0.00
41) 2,4,6-Tribromophenol	10.76	330	77320	94.37	ng	0.00
44) 2-Fluorobiphenyl	9.30	172	485118	70.86	ng	0.00
78) Terphenyl-d14	13.06	244	574701	74.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.45	88	49744	36.03	ng	100
3) Pyridine	3.22	79	139935	37.99	ng	100
4) n-Nitrosodimethylamine	3.14	42	82790	35.83	ng	100
6) Aniline	6.58	93	198628	37.98	ng	100
8) 2-Chlorophenol	6.70	128	134346	41.98	ng	100
9) Benzaldehyde	6.48	77	90155	34.41	ng	100
10) Phenol	6.56	94	187034	42.98	ng	100
11) bis(2-Chloroethyl)ether	6.66	93	134917	43.83	ng	100
12) 1,3-Dichlorobenzene	6.86	146	144798	36.25	ng	100
13) 1,4-Dichlorobenzene	6.94	146	147324	37.41	ng	100
14) 1,2-Dichlorobenzene	7.10	146	144187	39.34	ng	100
15) Benzyl Alcohol	7.06	79	117782	37.25	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.21	45	216279	36.02	ng	100
17) 2-Methylphenol	7.17	107	106121	41.97	ng	100
18) Hexachloroethane	7.45	117	58288	42.09	ng	100
19) n-Nitroso-di-n-propylamine	7.33	70	94241	38.45	ng	100
20) 3+4-Methylphenols	7.33	107	140355	40.29	ng	100
22) Acetophenone	7.33	105	183474	41.27	ng	100
24) Nitrobenzene	7.50	77	137171	40.15	ng	100
25) Isophorone	7.74	82	246153	41.25	ng	100
26) 2-Nitrophenol	7.84	139	52718	42.28	ng	100
27) 2,4-Dimethylphenol	7.86	122	104157	38.72	ng	100
28) bis(2-Chloroethoxy)methane	7.96	93	142836	42.62	ng	100
29) 2,4-Dichlorophenol	8.06	162	103204	45.26	ng	100
30) 1,2,4-Trichlorobenzene	8.16	180	115481	39.73	ng	100
31) Naphthalene	8.24	128	357141	39.15	ng	100
32) Benzoic acid	7.93	122	57898	47.86	ng	100
33) 4-Chloroaniline	8.28	127	154880	42.77	ng	100
34) Hexachlorobutadiene	8.36	225	81979	47.05	ng	100
35) Caprolactam	8.62	113	29729	48.72	ng	100
36) 4-Chloro-3-methylphenol	8.75	107	105728	40.43	ng	100
37) 2-Methylnaphthalene	8.93	142	261073	49.13	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	113967	34.25	ng	100
40) Hexachlorocyclopentadiene	9.09	237	69129	38.79	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.21	196	82014m	42.42	ng	
43) 2,4,5-Trichlorophenol	9.24	196	83244m	42.66	ng	
45) 1,1'-Biphenyl	9.39	154	274735	34.23	ng	100
46) 2-Chloronaphthalene	9.41	162	227146	34.88	ng	100
47) 2-Nitroaniline	9.50	65	72652	36.46	ng	100
48) Acenaphthylene	9.84	152	397384	40.25	ng	100
49) Dimethylphthalate	9.69	163	280249	38.29	ng	100
50) 2,6-Dinitrotoluene	9.74	165	50867	37.47	ng	100
51) Acenaphthene	10.01	154	238716	40.22	ng	100
52) 3-Nitroaniline	9.92	138	64165	41.85	ng	100
53) 2,4-Dinitrophenol	10.02	184	20425	50.30	ng	100
54) Dibenzofuran	10.18	168	336672	39.54	ng	100
55) 4-Nitrophenol	10.06	139	46874	42.23	ng	100
56) 2,4-Dinitrotoluene	10.14	165	66189	38.80	ng	100
57) Fluorene	10.52	166	267040	39.24	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	67876	44.85	ng	100
59) Diethylphthalate	10.40	149	284985	40.52	ng	100
60) 4-Chlorophenyl-phenylether	10.52	204	117075	38.17	ng	100
61) 4-Nitroaniline	10.52	138	61822	40.40	ng	100
62) Azobenzene	10.67	77	275432	38.46	ng	100
64) 4,6-Dinitro-2-methylphenol	10.56	198	36100	55.27	ng	100
65) n-Nitrosodiphenylamine	10.62	169	216189	36.54	ng	100
66) 4-Bromophenyl-phenylether	11.00	248	71587	38.67	ng	100
67) Hexachlorobenzene	11.07	284	84244	39.88	ng	100
68) Atrazine	11.15	200	61611	38.12	ng	100
69) Pentachlorophenol	11.26	266	41461	41.80	ng	100
70) Phenanthrene	11.48	178	390277	38.11	ng	100
71) Anthracene	11.54	178	381500	39.40	ng	100
72) Carbazole	11.69	167	357055	42.37	ng	100
73) Di-n-butylphthalate	12.03	149	424968	43.39	ng	100
74) Fluoranthene	12.67	202	364262	39.58	ng	100
76) Benzidine	12.80	184	231756	46.94	ng	100
77) Pyrene	12.90	202	389545	36.13	ng	100
79) Butylbenzylphthalate	13.55	149	182448	48.81	ng	100
80) Benzo(a)anthracene	14.15	228	370378	40.30	ng	100
81) 3,3'-Dichlorobenzidine	14.11	252	122794	46.05	ng	100
82) Chrysene	14.19	228	355620	39.07	ng	100
83) Bis(2-ethylhexyl)phthalate	14.16	149	271502	48.82	ng	100
84) Di-n-octyl phthalate	14.85	149	441413	59.77	ng	100
85) Indeno(1,2,3-cd)pyrene	17.21	276	414937	55.94	ng	100
87) Benzo(b)fluoranthene	15.30	252	329818m	37.34	ng	
88) Benzo(k)fluoranthene	15.33	252	334806m	38.26	ng	
89) Benzo(a)pyrene	15.67	252	311507	39.60	ng	100
90) Dibenzo(a,h)anthracene	17.23	278	349429	45.83	ng	100
91) Benzo(g,h,i)perylene	17.65	276	340718	44.08	ng	100

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

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