Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021316\
Data File : BF085054.D
Acq On : 12 Feb 2016 19:49
Operator : SJ/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
2/15/2016 4:42:55 PM

Quant Time: Feb 12 23:59:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 12 23:09:50 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.88	152	163007	20.00	ng	0.00
21) Naphthalene-d8	7.79	136	689795	20.00	ng	0.00
38) Acenaphthene-d10	10.58	164	311710	20.00	ng	0.00
63) Phenanthrene-d10	12.99	188	578069	20.00	ng	0.00
75) Chrysene-d12	17.18	240	407301	20.00	ng	0.00
86) Perylene-d12	18.80	264	284976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.16	112	684902	66.57	ng	0.00
7) Phenol-d6	5.44	99	1033416	78.79	ng	0.00
23) Nitrobenzene-d5	6.72	82	946601	77.81	ng	0.00
41) 2,4,6-Tribromophenol	11.89	330	270287	83.20	ng	0.00
44) 2-Fluorobiphenyl	9.53	172	1758516	82.92	ng	0.00
78) Terphenyl-d14	15.62	244	1544670	84.51	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.98	88	163070	36.01	ng	99
3) Pyridine	2.43	79	382913	32.73	ng	100
4) n-Nitrosodimethylamine	2.41	42	183100	30.74	ng	100
6) Aniline	5.46	93	576197	36.68	ng	100
8) 2-Chlorophenol	5.60	128	472185	39.93	ng	100
9) Benzaldehyde	5.29	77	276848	36.73	ng	100
10) Phenol	5.46	94	588421	39.64	ng	100
11) bis(2-Chloroethyl)ether	5.53	93	509896	43.61	ng	100
12) 1,3-Dichlorobenzene	5.79	146	467496	37.39	ng	100
13) 1,4-Dichlorobenzene	5.91	146	502958	39.87	ng	100
14) 1,2-Dichlorobenzene	6.11	146	476367	40.87	ng	100
15) Benzyl Alcohol	6.15	79	311921m	35.14	ng	
16) 2,2'-oxybis(1-Chloropropan	6.30	45	772526	40.10	ng	100
17) 2-Methylphenol	6.33	107	321883	35.30	ng	100
18) Hexachloroethane	6.59	117	193444	40.16	ng	100
19) n-Nitroso-di-n-propylamine	6.50	70	321941	39.24	ng	100
20) 3+4-Methylphenols	6.57	107	400167	34.99	ng	100
22) Acetophenone	6.50	105	721269	39.59	ng	100
24) Nitrobenzene	6.74	77	517668	38.99	ng	100
25) Isophorone	7.10	82	862515	36.74	ng	100
26) 2-Nitrophenol	7.22	139	254414	39.34	ng	100
27) 2,4-Dimethylphenol	7.35	122	407394	36.36	ng	100
28) bis(2-Chloroethoxy)methane	7.47	93	528778	37.58	ng	100
29) 2,4-Dichlorophenol	7.63	162	374592	39.29	ng	100
30) 1,2,4-Trichlorobenzene	7.70	180	421885	38.82	ng	100
31) Naphthalene	7.82	128	1347107	38.72	ng	100
32) Benzoic acid	7.63	122	196067	28.57	ng	100
33) 4-Chloroaniline	7.96	127	526599	36.75	ng	100
34) Hexachlorobutadiene	8.01	225	242697	38.96	ng	100
35) Caprolactam	8.56	113	101006	35.49	ng	100
36) 4-Chloro-3-methylphenol	8.80	107	422222	38.23	ng	100
37) 2-Methylnaphthalene	8.92	142	852365	39.71	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.19	216	419697	41.49	ng	100
40) Hexachlorocyclopentadiene	9.16	237	143133	41.07	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.42	196	235980	37.47	ng	100
43) 2,4,5-Trichlorophenol	9.50	196	262546	40.20	ng	100
45) 1,1'-Biphenyl	9.69	154	1159136	41.40	ng	100
46) 2-Chloronaphthalene	9.70	162	820983	39.86	ng	100
47) 2-Nitroaniline	9.93	65	260468	39.41	ng	100
48) Acenaphthylene	10.35	152	1311560	41.81	ng	100
49) Dimethylphthalate	10.24	163	949162	40.02	ng	100
50) 2,6-Dinitrotoluene	10.33	165	199410	38.93	ng	100
51) Acenaphthene	10.64	154	785847	38.91	ng	100
52) 3-Nitroaniline	10.62	138	224265	38.49	ng	100
53) 2,4-Dinitrophenol	10.80	184	77056	38.31	ng	100
54) Dibenzofuran	10.93	168	1049856	42.07	ng	100
55) 4-Nitrophenol	11.03	139	135982	33.21	ng	100
56) 2,4-Dinitrotoluene	10.98	165	278589	41.85	ng	100
57) Fluorene	11.49	166	897150	42.92	ng	100
58) 2,3,4,6-Tetrachlorophenol	11.17	232	212006	41.85	ng	100
59) Diethylphthalate	11.37	149	950432	40.64	ng	100
60) 4-Chlorophenyl-phenylether	11.51	204	433071	43.12	ng	100
61) 4-Nitroaniline	11.62	138	208490	36.97	ng	100
62) Azobenzene	11.76	77	907468	40.49	ng	100
64) 4,6-Dinitro-2-methylphenol	11.65	198	126554	36.51	ng	100
65) n-Nitrosodiphenylamine	11.73	169	728753	40.20	ng	100
66) 4-Bromophenyl-phenylether	12.30	248	263199	41.48	ng	100
67) Hexachlorobenzene	12.35	284	275300	39.38	ng	100
68) Atrazine	12.64	200	217428	37.53	ng	100
69) Pentachlorophenol	12.72	266	109769	34.78	ng	100
70) Phenanthrene	13.03	178	1261741	39.08	ng	100
71) Anthracene	13.12	178	1321572	41.19	ng	100
72) Carbazole	13.43	167	1124686	40.40	ng	100
73) Di-n-butylphthalate	14.03	149	1428547	39.63	ng	100
74) Fluoranthene	14.96	202	1279743	39.77	ng	100
76) Benzidine	15.26	184	329132	29.66	ng	100
77) Pyrene	15.31	202	1280430	41.16	ng	100
79) Butylbenzylphthalate	16.45	149	561555	40.11	ng	100
80) Benzo(a)anthracene	17.17	228	956302	38.13	ng	100
81) 3,3'-Dichlorobenzidine	17.17	252	278681	32.65	ng	100
82) Chrysene	17.21	228	908985	37.63	ng	100
83) Bis(2-ethylhexyl)phthalate	17.27	149	737029	41.74	ng	100
84) Di-n-octyl phthalate	18.02	149	1034817	36.35	ng	100
85) Indeno(1,2,3-cd)pyrene	20.09	276	731799	38.11	ng	100
87) Benzo(b)fluoranthene	18.41	252	788382m	41.06	ng	
88) Benzo(k)fluoranthene	18.43	252	579124m	36.88	ng	
89) Benzo(a)pyrene	18.74	252	632806	39.01	ng	100
90) Dibenzo(a,h)anthracene	20.10	278	615137	43.94	ng	100
91) Benzo(g,h,i)perylene	20.47	276	619208	43.92	ng	100

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

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