Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
Data File : BF084167.D
Acq On : 31 Dec 2015 00:54
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
12/31/2015 6:41:16 PM

Quant Time: Dec 31 04:00:27 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 03:17:24 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	339707	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1391695	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	639820	20.00	ng	0.00
63) Phenanthrene-d10	11.42	188	1141633	20.00	ng	0.00
75) Chrysene-d12	14.07	240	816554	20.00	ng	0.00
86) Perylene-d12	15.49	264	601948	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1784243	88.07	ng	0.00
7) Phenol-d6	6.52	99	2113138	83.82	ng	0.00
23) Nitrobenzene-d5	7.47	82	2010645	83.32	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	508124	74.43	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2949098	64.56	ng	0.00
78) Terphenyl-d14	13.01	244	2539426	58.20	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.52	88	418646	49.25	ng	100
3) Pyridine	3.26	79	1199607	55.71	ng	100
4) n-Nitrosodimethylamine	3.21	42	576998	58.86	ng	100
6) Aniline	6.57	93	1590197	49.03	ng	100
8) 2-Chlorophenol	6.68	128	938932	38.23	ng	100
9) Benzaldehyde	6.44	77	652108	47.51	ng	100
10) Phenol	6.53	94	1125735	39.29	ng	100
11) bis(2-Chloroethyl)ether	6.64	93	881915	42.48	ng	100
12) 1,3-Dichlorobenzene	6.84	146	969044	36.34	ng	100
13) 1,4-Dichlorobenzene	6.92	146	1046170	38.60	ng	100
14) 1,2-Dichlorobenzene	7.07	146	860886	34.70	ng	100
15) Benzyl Alcohol	7.05	79	970824	49.56	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1659062	71.54	ng	100
17) 2-Methylphenol	7.15	107	784775	40.57	ng	100
18) Hexachloroethane	7.42	117	394008	39.59	ng	100
19) n-Nitroso-di-n-propylamine	7.32	70	691479	44.16	ng	100
20) 3+4-Methylphenols	7.31	107	1020507	41.53	ng	100
22) Acetophenone	7.31	105	1307218	37.88	ng	100
24) Nitrobenzene	7.48	77	959152	38.42	ng	100
25) Isophorone	7.73	82	1942339	43.44	ng	100
26) 2-Nitrophenol	7.80	139	439128	34.70	ng	100
27) 2,4-Dimethylphenol	7.84	122	829208m	39.18	ng	
28) bis(2-Chloroethoxy)methane	7.94	93	1064232	40.60	ng	100
29) 2,4-Dichlorophenol	8.04	162	791866	39.49	ng	100
30) 1,2,4-Trichlorobenzene	8.13	180	837562	38.62	ng	100
31) Naphthalene	8.21	128	2609134	35.85	ng	100
32) Benzoic acid	7.95	122	651009m	56.91	ng	
33) 4-Chloroaniline	8.26	127	1212469	40.54	ng	100
34) Hexachlorobutadiene	8.34	225	468506	37.55	ng	100
35) Caprolactam	8.64	113	275563	48.60	ng	100
36) 4-Chloro-3-methylphenol	8.74	107	933317	41.55	ng	100
37) 2-Methylnaphthalene	8.90	142	1681375	36.31	ng	100
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	766565	38.37	ng	100
40) Hexachlorocyclopentadiene	9.06	237	470662	87.01	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	522311	39.68	ng	100
43) 2,4,5-Trichlorophenol	9.21	196	534867	40.64	ng	100
45) 1,1'-Biphenyl	9.37	154	1948307	34.78	ng	100
46) 2-Chloronaphthalene	9.39	162	1485020	34.67	ng	100
47) 2-Nitroaniline	9.48	65	506555	43.12	ng	100
48) Acenaphthylene	9.80	152	2462769	34.64	ng	100
49) Dimethylphthalate	9.68	163	1916529	36.53	ng	100
50) 2,6-Dinitrotoluene	9.73	165	419270	38.11	ng	100
51) Acenaphthene	9.98	154	1647330	39.14	ng	100
52) 3-Nitroaniline	9.89	138	439810	37.29	ng	100
53) 2,4-Dinitrophenol	10.00	184	182047	54.61	ng	100
54) Dibenzofuran	10.16	168	2260085	38.90	ng	100
55) 4-Nitrophenol	10.04	139	406940	59.55	ng	100
56) 2,4-Dinitrotoluene	10.13	165	541697	36.66	ng	100
57) Fluorene	10.50	166	1595469	33.15	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	443832	46.15	ng	100
59) Diethylphthalate	10.37	149	1914993	35.67	ng	100
60) 4-Chlorophenyl-phenylether	10.49	204	762032	34.05	ng	100
61) 4-Nitroaniline	10.51	138	493830	43.76	ng	100
62) Azobenzene	10.65	77	2145337	46.82	ng	100
64) 4,6-Dinitro-2-methylphenol	10.53	198	246300	38.59	ng	100
65) n-Nitrosodiphenylamine	10.60	169	1386706	35.04	ng	100
66) 4-Bromophenyl-phenylether	10.98	248	531221	40.20	ng	100
67) Hexachlorobenzene	11.04	284	511095	35.66	ng	100
68) Atrazine	11.13	200	464625	37.70	ng	100
69) Pentachlorophenol	11.23	266	373775	77.24	ng	100
70) Phenanthrene	11.45	178	2496400	37.46	ng	100
71) Anthracene	11.50	178	2413108	34.69	ng	100
72) Carbazole	11.65	167	2088392	35.13	ng	100
73) Di-n-butylphthalate	12.00	149	2667091	34.85	ng	100
74) Fluoranthene	12.64	202	2299778	32.81	ng	100
76) Benzidine	12.76	184	1317102	46.25	ng	100
77) Pyrene	12.87	202	2340948	34.42	ng	100
79) Butylbenzylphthalate	13.49	149	1134249	39.11	ng	100
80) Benzo(a)anthracene	14.05	228	1887189	37.90	ng	100
81) 3,3'-Dichlorobenzidine	14.02	252	752285	48.45	ng	100
82) Chrysene	14.09	228	1545067	34.68	ng	100
83) Bis(2-ethylhexyl)phthalate	14.05	149	1239404	33.94	ng	100
84) Di-n-octyl phthalate	14.67	149	2145420	40.76	ng	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	1443452	32.34	ng	100
87) Benzo(b)fluoranthene	15.08	252	1788898m	40.03	ng	
88) Benzo(k)fluoranthene	15.12	252	1126474m	37.35	ng	
89) Benzo(a)pyrene	15.44	252	1382877	37.69	ng	100
90) Dibenzo(a,h)anthracene	16.95	278	1180796	33.80	ng	100
91) Benzo(g,h,i)perylene	17.35	276	1232360	34.45	ng	100

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

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