Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011415\
Data File : BF076855.D
Acq On : 14 Jan 2015 12:33
Operator : IZ / TP
Sample : SSTDICC2.5
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
LabSampleId :
SSTDICC2.5

Manual Integrations APPROVED
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1/15/2015 2:25:58 PM

Quant Time: Jan 14 23:01:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF011415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 14 22:41:03 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	35950	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	160945	20.00	ng		0.00
38) Acenaphthene-d10	15.07	164	88582	20.00	ng		-0.01
63) Phenanthrene-d10	17.82	188	155910	20.00	ng		0.00
75) Chrysene-d12	21.32	240	154437	20.00	ng		0.01
86) Perylene-d12	23.07	264	132255	20.00	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	9100	4.23	ng		0.01
7) Phenol-d6	7.43	99	11587	4.27	ng		0.01
23) Nitrobenzene-d5	9.32	82	12611	4.35	ng		0.00
41) 2,4,6-Tribromophenol	16.72	330	2759	3.75	ng		0.00
44) 2-Fluorobiphenyl	13.58	172	28107	4.70	ng		-0.01
78) Terphenyl-d14	20.04	244	31512	4.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.33	88	2852	3.16	ng	#	51
6) Aniline	7.32	93	8646	2.31	ng		92
8) 2-Chlorophenol	7.56	128	5435	2.13	ng		97
9) Benzaldehyde	7.04	77	4605	2.86	ng		92
10) Phenol	7.45	94	6058	2.04	ng		78
11) bis(2-Chloroethyl)ether	7.54	93	5230	2.22	ng	#	75
12) 1,3-Dichlorobenzene	7.86	146	6584	2.32	ng	#	95
13) 1,4-Dichlorobenzene	8.06	146	7309	2.46	ng		94
14) 1,2-Dichlorobenzene	8.38	146	5996	2.17	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.80	45	7504	2.37	ng		96
17) 2-Methylphenol	8.80	107	4396	2.15	ng		97
18) Hexachloroethane	9.12	117	2173	2.03	ng	#	76
19) n-Nitroso-di-n-propylamine	9.08	70	4287	2.22	ng	#	93
20) 3+4-Methylphenols	9.19	107	6299	2.34	ng		97
22) Acetophenone	9.01	105	8859	2.24	ng		97
24) Nitrobenzene	9.36	77	6011	2.05	ng		98
25) Isophorone	9.96	82	12193	2.31	ng		97
27) 2,4-Dimethylphenol	10.38	122	4579	2.00	ng	#	91
28) bis(2-Chloroethoxy)methane	10.57	93	6513	2.09	ng	#	89
30) 1,2,4-Trichlorobenzene	10.84	180	4935	2.02	ng		89
31) Naphthalene	10.97	128	19508	2.35	ng	#	93
33) 4-Chloroaniline	11.22	127	7435	2.29	ng		93
34) Hexachlorobutadiene	11.34	225	3245	2.31	ng		96
36) 4-Chloro-3-methylphenol	12.52	107	5239	2.18	ng		88
37) 2-Methylnaphthalene	12.63	142	12459	2.15	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	5530	2.53	ng	#	86
42) 2,4,6-Trichlorophenol	13.39	196	3318	2.08	ng	#	84
45) 1,1'-Biphenyl	13.80	154	14490	2.14	ng		92
46) 2-Chloronaphthalene	13.76	162	12780	2.36	ng		96
48) Acenaphthylene	14.72	152	20540	2.22	ng		97
49) Dimethylphthalate	14.64	163	15060	2.36	ng	#	93
51) Acenaphthene	15.15	154	12260	2.35	ng		94
54) Dibenzofuran	15.57	168	17500	2.29	ng		98
57) Fluorene	16.28	166	15068	2.36	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
59) Diethylphthalate	16.25	149	14386	2.20	ng		100
60) 4-Chlorophenyl-phenylether	16.36	204	6458	2.37	ng	#	86
62) Azobenzene	16.63	77	16096	2.39	ng		97
65) n-Nitrosodiphenylamine	16.60	169	13153	2.32	ng		96
66) 4-Bromophenyl-phenylether	17.19	248	3491	2.17	ng		91
67) Hexachlorobenzene	17.21	284	3951	2.34	ng		97
68) Atrazine	17.55	200	3450	2.00	ng		92
70) Phenanthrene	17.85	178	23600	2.43	ng		96
71) Anthracene	17.92	178	21064	2.24	ng		97
72) Carbazole	18.21	167	20411	2.21	ng		98
73) Di-n-butylphthalate	18.79	149	21937	2.01	ng		98
74) Fluoranthene	19.49	202	22891	2.28	ng		98
76) Benzidine	19.73	184	12523	2.55	ng		98
77) Pyrene	19.77	202	24764	2.22	ng		99
80) Benzo(a)anthracene	21.31	228	22556	2.28	ng		99
81) 3,3'-Dichlorobenzidine	21.32	252	6514	2.06	ng		91
82) Chrysene	21.35	228	19241	2.15	ng		93
85) Indeno(1,2,3-cd)pyrene	24.29	276	18703m	2.08	ng		
87) Benzo(b)fluoranthene	22.62	252	19046	2.15	ng		98
88) Benzo(k)fluoranthene	22.65	252	18505m	2.27	ng		
89) Benzo(a)pyrene	23.00	252	17956	2.30	ng	#	89
90) Dibenzo(a,h)anthracene	24.31	278	15316m	2.14	ng		
91) Benzo(g,h,i)perylene	24.59	276	14819m	2.03	ng		

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

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