Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122315\
Data File : BF084072.D
Acq On : 24 Dec 2015 9:27
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId :

Quant Time: Dec 24 11:42:53 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	51354	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	201961	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	85856	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	146690	20.00	ng		-0.01
75) Chrysene-d12	13.99	240	98356	20.00	ng		-0.01
86) Perylene-d12	15.41	264	89473	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	233763	77.61	ng		0.01
7) Phenol-d6	6.49	99	291789	82.40	ng		0.01
23) Nitrobenzene-d5	7.39	82	261409	79.51	ng		0.00
41) 2,4,6-Tribromophenol	10.66	330	70764	85.69	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	510679	80.05	ng		-0.01
78) Terphenyl-d14	12.93	244	388171	94.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	46918	32.72	ng		99
3) Pyridine	3.13	79	125952	38.59	ng		97
4) n-Nitrosodimethylamine	3.06	42	50673	41.77	ng		95
6) Aniline	6.49	93	192632	39.30	ng		96
8) 2-Chlorophenol	6.61	128	138458	39.92	ng		98
9) Benzaldehyde	6.37	77	94574	39.99	ng		91
10) Phenol	6.50	94	176925	43.19	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	114784	36.67	ng		96
12) 1,3-Dichlorobenzene	6.76	146	159145	41.30	ng		97
13) 1,4-Dichlorobenzene	6.84	146	157425m	41.84	ng		
14) 1,2-Dichlorobenzene	6.99	146	139315	38.73	ng		97
15) Benzyl Alcohol	6.98	79	125505	45.01	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	111015	36.73	ng	#	4
17) 2-Methylphenol	7.10	107	106948	38.71	ng	#	88
18) Hexachloroethane	7.33	117	57923	41.98	ng		99
19) n-Nitroso-di-n-propylamine	7.24	70	87205	40.64	ng	#	84
20) 3+4-Methylphenols	7.25	107	139209	40.83	ng	#	51
22) Acetophenone	7.24	105	202588	42.75	ng	#	88
24) Nitrobenzene	7.41	77	148587	43.86	ng		92
25) Isophorone	7.65	82	251238	40.33	ng		98
26) 2-Nitrophenol	7.72	139	67911	37.24	ng	#	76
27) 2,4-Dimethylphenol	7.78	122	124754	39.25	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	147638	38.26	ng		100
29) 2,4-Dichlorophenol	7.98	162	111409	39.24	ng		92
30) 1,2,4-Trichlorobenzene	8.05	180	124815	42.14	ng		97
31) Naphthalene	8.13	128	430014	41.68	ng		99
32) Benzoic acid	7.90	122	44364	32.21	ng		94
33) 4-Chloroaniline	8.19	127	167706	39.75	ng	#	88
34) Hexachlorobutadiene	8.25	225	69264	39.13	ng		98
35) Caprolactam	8.58	113	34310	40.21	ng	#	73
36) 4-Chloro-3-methylphenol	8.68	107	120231	39.59	ng		90
37) 2-Methylnaphthalene	8.82	142	258360	38.67	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.99	216	121050	46.90	ng		99
40) Hexachlorocyclopentadiene	8.98	237	9633	21.31	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	72716	46.78	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	73908	45.69	ng		96
45) 1,1'-Biphenyl	9.29	154	346712	45.68	ng		98
46) 2-Chloronaphthalene	9.31	162	238978	43.74	ng		98
47) 2-Nitroaniline	9.41	65	68554	46.02	ng	#	84
48) Acenaphthylene	9.72	152	359943	41.60	ng		99
49) Dimethylphthalate	9.60	163	314047	46.75	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	59155	41.72	ng	#	63
51) Acenaphthene	9.89	154	206536	40.14	ng		99
52) 3-Nitroaniline	9.82	138	59537	39.53	ng		94
53) 2,4-Dinitrophenol	9.94	184	5423	16.05	ng	#	68
54) Dibenzofuran	10.06	168	313557	40.72	ng	#	89
55) 4-Nitrophenol	10.02	139	23473	26.52	ng		100
56) 2,4-Dinitrotoluene	10.06	165	78305	43.93	ng		89
57) Fluorene	10.41	166	246810	40.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	50645	39.71	ng		97
59) Diethylphthalate	10.29	149	315274	47.75	ng		100
60) 4-Chlorophenyl-phenylether	10.41	204	119001	42.56	ng		88
61) 4-Nitroaniline	10.44	138	61487	39.91	ng		95
62) Azobenzene	10.57	77	250502	42.97	ng		88
64) 4,6-Dinitro-2-methylphenol	10.48	198	13611	15.87	ng		89
65) n-Nitrosodiphenylamine	10.52	169	216229	39.91	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	67809	40.31	ng	#	64
67) Hexachlorobenzene	10.97	284	77435	42.18	ng	#	89
68) Atrazine	11.06	200	72817	44.46	ng		94
69) Pentachlorophenol	11.16	266	16991	30.02	ng		94
70) Phenanthrene	11.37	178	316467	38.17	ng		99
71) Anthracene	11.42	178	357150	42.42	ng		100
72) Carbazole	11.58	167	301977	38.36	ng		98
73) Di-n-butylphthalate	11.92	149	441650	45.18	ng		100
74) Fluoranthene	12.56	202	289100	35.16	ng		98
76) Benzidine	12.68	184	110148	31.40	ng		98
77) Pyrene	12.78	202	285003	42.71	ng		99
79) Butylbenzylphthalate	13.40	149	150680	49.09	ng		98
80) Benzo(a)anthracene	13.97	228	225224	39.71	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	82951	38.89	ng	#	100
82) Chrysene	14.01	228	204634	38.86	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	205098	48.19	ng		99
84) Di-n-octyl phthalate	14.58	149	308855	47.19	ng		100
85) Indeno(1,2,3-cd)pyrene	16.82	276	204978	47.06	ng		98
87) Benzo(b)fluoranthene	15.00	252	261149m	46.30	ng		
88) Benzo(k)fluoranthene	15.04	252	177175m	33.03	ng		
89) Benzo(a)pyrene	15.36	252	213322	40.83	ng		98
90) Dibenzo(a,h)anthracene	16.83	278	174127	40.22	ng	#	94
91) Benzo(g,h,i)perylene	17.24	276	160354	36.62	ng		99

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

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