Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122015\
Data File : BF083975.D
Acq On : 20 Dec 2015 2:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/22/2015 12:01:22 PM

Quant Time: Dec 20 07:12:58 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	92311	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	356941	20.00	ng		-0.02
38) Acenaphthene-d10	9.89	164	178546	20.00	ng		-0.02
63) Phenanthrene-d10	11.37	188	306025	20.00	ng		-0.02
75) Chrysene-d12	14.01	240	186517	20.00	ng		-0.02
86) Perylene-d12	15.44	264	184236	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	405819	68.80	ng		-0.02
7) Phenol-d6	6.50	99	500239	69.28	ng		-0.01
23) Nitrobenzene-d5	7.42	82	506316	80.96	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	149513	76.01	ng		-0.02
44) 2-Fluorobiphenyl	9.22	172	934481	71.70	ng		-0.02
78) Terphenyl-d14	12.96	244	921748	117.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	101391	39.62	ng		99
3) Pyridine	3.15	79	239115	37.79	ng		97
4) n-Nitrosodimethylamine	3.10	42	86940	36.02	ng		91
6) Aniline	6.51	93	325033	34.96	ng	#	68
8) 2-Chlorophenol	6.64	128	237641	33.85	ng		94
9) Benzaldehyde	6.40	77	160664	36.93	ng		98
10) Phenol	6.51	94	250936	31.15	ng	#	52
11) bis(2-Chloroethyl)ether	6.59	93	231524	37.83	ng		98
12) 1,3-Dichlorobenzene	6.80	146	289372	38.33	ng		97
13) 1,4-Dichlorobenzene	6.86	146	269752	35.00	ng		97
14) 1,2-Dichlorobenzene	7.02	146	269779	43.30	ng		99
15) Benzyl Alcohol	7.00	79	192157	35.17	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.14	45	249650	39.56	ng		96
17) 2-Methylphenol	7.12	107	190112	34.52	ng		96
18) Hexachloroethane	7.37	117	93021	32.89	ng	#	91
19) n-Nitroso-di-n-propylamine	7.28	70	163334	38.81	ng	#	91
20) 3+4-Methylphenols	7.28	107	240853	37.22	ng	#	55
22) Acetophenone	7.26	105	327461	38.11	ng		95
24) Nitrobenzene	7.44	77	232405	35.93	ng		96
25) Isophorone	7.68	82	465545	39.56	ng		99
26) 2-Nitrophenol	7.76	139	127034	37.94	ng		93
27) 2,4-Dimethylphenol	7.80	122	243164	42.16	ng		95
28) bis(2-Chloroethoxy)methane	7.89	93	282152	40.54	ng		98
29) 2,4-Dichlorophenol	8.01	162	209059	39.96	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	212778	37.87	ng		98
31) Naphthalene	8.16	128	694489	38.29	ng		100
32) Benzoic acid	7.94	122	110677	50.88	ng		95
33) 4-Chloroaniline	8.21	127	310525	38.32	ng	#	89
34) Hexachlorobutadiene	8.28	225	130048	37.06	ng		100
35) Caprolactam	8.59	113	60653	35.09	ng		97
36) 4-Chloro-3-methylphenol	8.70	107	245025	41.35	ng		95
37) 2-Methylnaphthalene	8.85	142	454857	36.66	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	189591	33.68	ng		99
40) Hexachlorocyclopentadiene	9.00	237	24400	25.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	128702	34.63	ng		98
43) 2,4,5-Trichlorophenol	9.17	196	134966	36.69	ng	#	82
45) 1,1'-Biphenyl	9.31	154	509293	33.56	ng		99
46) 2-Chloronaphthalene	9.33	162	426850	36.03	ng		98
47) 2-Nitroaniline	9.44	65	134249	38.02	ng	#	66
48) Acenaphthylene	9.76	152	741338	35.61	ng		99
49) Dimethylphthalate	9.62	163	564104	37.65	ng	#	91
50) 2,6-Dinitrotoluene	9.68	165	103992	31.82	ng	#	72
51) Acenaphthene	9.93	154	463693	36.23	ng		99
52) 3-Nitroaniline	9.85	138	135606	39.37	ng		84
53) 2,4-Dinitrophenol	9.95	184	29826	32.44	ng	#	65
54) Dibenzofuran	10.10	168	593070	35.68	ng		99
55) 4-Nitrophenol	10.02	139	70718	32.88	ng		90
56) 2,4-Dinitrotoluene	10.08	165	152063	36.30	ng		92
57) Fluorene	10.44	166	466297	36.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.21	232	90048	33.09	ng		97
59) Diethylphthalate	10.32	149	534014	34.48	ng		99
60) 4-Chlorophenyl-phenylether	10.43	204	228125	35.81	ng		97
61) 4-Nitroaniline	10.46	138	125515	35.21	ng		81
62) Azobenzene	10.59	77	473330	36.46	ng		97
64) 4,6-Dinitro-2-methylphenol	10.50	198	54086	30.34	ng	#	71
65) n-Nitrosodiphenylamine	10.54	169	385786	34.64	ng		99
66) 4-Bromophenyl-phenylether	10.92	248	139335	37.24	ng		96
67) Hexachlorobenzene	10.99	284	156389	39.70	ng		98
68) Atrazine	11.07	200	126930	35.98	ng		97
69) Pentachlorophenol	11.18	266	61781	39.50	ng		98
70) Phenanthrene	11.39	178	652922	35.31	ng		98
71) Anthracene	11.45	178	660818	36.97	ng		100
72) Carbazole	11.60	167	597701	33.85	ng		100
73) Di-n-butylphthalate	11.93	149	763499	36.80	ng	#	97
74) Fluoranthene	12.58	202	585767	31.75	ng		100
76) Benzidine	12.69	184	234465	31.39	ng		100
77) Pyrene	12.81	202	595170	49.36	ng		99
79) Butylbenzylphthalate	13.43	149	337844	54.41	ng		91
80) Benzo(a)anthracene	14.00	228	405269	35.34	ng		100
81) 3,3'-Dichlorobenzidine	13.95	252	142426	33.23	ng	#	93
82) Chrysene	14.03	228	351345	31.72	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	365929	44.14	ng		99
84) Di-n-octyl phthalate	14.59	149	651350	50.21	ng		98
85) Indeno(1,2,3-cd)pyrene	16.85	276	473708	57.19	ng		98
87) Benzo(b)fluoranthene	15.03	252	420259m	31.29	ng		
88) Benzo(k)fluoranthene	15.06	252	432442m	39.03	ng		
89) Benzo(a)pyrene	15.38	252	416783	37.58	ng	#	97
90) Dibenzo(a,h)anthracene	16.87	278	381361	44.20	ng		97
91) Benzo(g,h,i)perylene	17.28	276	419248	49.58	ng		97

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

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