Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010416\
Data File : BF084232.D
Acq On : 4 Jan 2016 11:52
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/5/2016 1:26:35 PM

Quant Time: Jan 05 02:24:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 04 12:22:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	268771	20.00	ng		-0.01
21) Naphthalene-d8	8.18	136	1112889	20.00	ng		-0.01
38) Acenaphthene-d10	9.94	164	518020	20.00	ng		-0.01
63) Phenanthrene-d10	11.41	188	921877	20.00	ng		-0.01
75) Chrysene-d12	14.05	240	645793	20.00	ng		-0.01
86) Perylene-d12	15.49	264	544509	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1427418	85.90	ng		0.00
7) Phenol-d6	6.53	99	1735169	83.14	ng		0.00
23) Nitrobenzene-d5	7.46	82	1506434	75.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.73	330	440054	84.14	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	2360951	79.79	ng		-0.01
78) Terphenyl-d14	13.00	244	2021590	69.88	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.50	88	325307	41.33	ng	#	78
3) Pyridine	3.23	79	967226	44.07	ng	#	67
4) n-Nitrosodimethylamine	3.18	42	444782	39.48	ng	#	77
6) Aniline	6.56	93	1198897	39.27	ng	#	81
8) 2-Chlorophenol	6.68	128	771213	40.91	ng		93
9) Benzaldehyde	6.44	77	498771	36.70	ng		91
10) Phenol	6.54	94	1070424	45.11	ng		96
11) bis(2-Chloroethyl)ether	6.62	93	723379	39.35	ng	#	80
12) 1,3-Dichlorobenzene	6.83	146	784248	40.33	ng	#	94
13) 1,4-Dichlorobenzene	6.91	146	821010	42.10	ng		96
14) 1,2-Dichlorobenzene	7.06	146	695945m	37.26	ng		
15) Benzyl Alcohol	7.04	79	682639	38.88	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.17	45	1245950	37.22	ng		84
17) 2-Methylphenol	7.15	107	591976	37.47	ng		96
18) Hexachloroethane	7.40	117	313977	40.26	ng	#	86
19) n-Nitroso-di-n-propylamine	7.31	70	501601	35.51	ng	#	69
20) 3+4-Methylphenols	7.31	107	763366	41.10	ng	#	59
22) Acetophenone	7.31	105	1081510	40.41	ng	#	94
24) Nitrobenzene	7.48	77	849254	41.87	ng		89
25) Isophorone	7.72	82	1480744	38.72	ng		98
26) 2-Nitrophenol	7.79	139	361353	39.15	ng	#	77
27) 2,4-Dimethylphenol	7.84	122	727140	38.92	ng		94
28) bis(2-Chloroethoxy)methane	7.93	93	826922	35.40	ng		99
29) 2,4-Dichlorophenol	8.04	162	621309	39.92	ng		93
30) 1,2,4-Trichlorobenzene	8.12	180	669296	41.66	ng		96
31) Naphthalene	8.20	128	2057531	40.75	ng		98
32) Benzoic acid	7.95	122	406034	35.63	ng		90
33) 4-Chloroaniline	8.25	127	843481	36.44	ng		97
34) Hexachlorobutadiene	8.32	225	356975	38.65	ng		97
35) Caprolactam	8.62	113	184900	35.24	ng	#	46
36) 4-Chloro-3-methylphenol	8.74	107	707329	40.57	ng		93
37) 2-Methylnaphthalene	8.89	142	1343746	37.07	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	624134	41.91	ng		98
40) Hexachlorocyclopentadiene	9.05	237	396288	44.08	ng		98

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Quant Time: Jan 05 02:24:03 2016
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.17	196	435054	39.05	ng		94
43) 2,4,5-Trichlorophenol	9.21	196	413968m	38.76	ng		
45) 1,1'-Biphenyl	9.36	154	1590889	38.64	ng		99
46) 2-Chloronaphthalene	9.38	162	1192460	36.87	ng		96
47) 2-Nitroaniline	9.48	65	434442	40.70	ng	#	62
48) Acenaphthylene	9.80	152	1923322	40.26	ng		98
49) Dimethylphthalate	9.66	163	1561971	42.18	ng	#	91
50) 2,6-Dinitrotoluene	9.72	165	363502	44.75	ng	#	80
51) Acenaphthene	9.97	154	1346338	42.01	ng		97
52) 3-Nitroaniline	9.89	138	428457	42.57	ng	#	76
53) 2,4-Dinitrophenol	9.98	184	143298	43.13	ng	#	72
54) Dibenzofuran	10.14	168	1756271	42.12	ng		99
55) 4-Nitrophenol	10.05	139	321163	43.96	ng		90
56) 2,4-Dinitrotoluene	10.12	165	474704	46.18	ng		94
57) Fluorene	10.49	166	1309264	40.56	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.26	232	380558	41.73	ng		92
59) Diethylphthalate	10.36	149	1493020	40.89	ng		98
60) 4-Chlorophenyl-phenylether	10.48	204	623131	46.23	ng		97
61) 4-Nitroaniline	10.50	138	332849	37.10	ng		93
62) Azobenzene	10.64	77	1657877	41.40	ng		91
64) 4,6-Dinitro-2-methylphenol	10.52	198	194967	34.75	ng	#	49
65) n-Nitrosodiphenylamine	10.59	169	1111434	37.71	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	421205	42.45	ng	#	91
67) Hexachlorobenzene	11.02	284	412467	36.93	ng	#	78
68) Atrazine	11.13	200	407402	42.24	ng		95
69) Pentachlorophenol	11.22	266	210626	36.37	ng		98
70) Phenanthrene	11.45	178	2038192	42.27	ng		97
71) Anthracene	11.49	178	1885849	39.90	ng		97
72) Carbazole	11.65	167	1877209	40.62	ng		98
73) Di-n-butylphthalate	11.98	149	2061086	41.00	ng	#	96
74) Fluoranthene	12.62	202	1844218	36.61	ng		98
76) Benzidine	12.75	184	836874	36.14	ng		99
77) Pyrene	12.85	202	1826764	36.05	ng		98
79) Butylbenzylphthalate	13.48	149	756788	34.51	ng	#	98
80) Benzo(a)anthracene	14.04	228	1382795	36.47	ng		98
81) 3,3'-Dichlorobenzidine	14.01	252	509511	38.50	ng	#	95
82) Chrysene	14.08	228	1249457	34.29	ng		100
83) Bis(2-ethylhexyl)phthalate	14.04	149	871395	31.45	ng		97
84) Di-n-octyl phthalate	14.66	149	1505162	32.18	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.91	276	1411550	48.87	ng		99
87) Benzo(b)fluoranthene	15.08	252	1409057	39.56	ng		97
88) Benzo(k)fluoranthene	15.11	252	1026489m	35.24	ng		
89) Benzo(a)pyrene	15.44	252	1214485	40.20	ng		98
90) Dibenzo(a,h)anthracene	16.92	278	1148511	44.18	ng		98
91) Benzo(g,h,i)perylene	17.33	276	1208487	44.89	ng		99

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

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