Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084549.D
Acq On : 19 Jan 2016 13:52
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/20/2016 2:22:23 PM

Quant Time: Jan 20 00:49:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 14 14:15:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	285446	20.00	ng		-0.03
21) Naphthalene-d8	8.09	136	1150676	20.00	ng		-0.03
38) Acenaphthene-d10	9.84	164	516613	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	997189	20.00	ng		-0.03
75) Chrysene-d12	13.96	240	629282	20.00	ng		-0.03
86) Perylene-d12	15.36	264	520549	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1313612	74.44	ng		-0.05
7) Phenol-d6	6.44	99	1688841	76.20	ng		-0.03
23) Nitrobenzene-d5	7.37	82	1545559	74.75	ng		-0.03
41) 2,4,6-Tribromophenol	10.62	330	421847	80.88	ng		-0.05
44) 2-Fluorobiphenyl	9.16	172	2368617	80.31	ng		-0.03
78) Terphenyl-d14	12.91	244	2532115	89.82	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	319989	38.28	ng	#	76
3) Pyridine	3.05	79	732483	31.43	ng	#	70
4) n-Nitrosodimethylamine	3.01	42	395683	33.07	ng	#	77
6) Aniline	6.46	93	1214961	37.47	ng	#	87
8) 2-Chlorophenol	6.58	128	776368	38.78	ng		87
9) Benzaldehyde	6.34	77	521068	36.11	ng		98
10) Phenol	6.45	94	884516	35.10	ng	#	68
11) bis(2-Chloroethyl)ether	6.53	93	749222	38.38	ng	#	81
12) 1,3-Dichlorobenzene	6.74	146	861470	41.71	ng		99
13) 1,4-Dichlorobenzene	6.81	146	821698	39.67	ng		98
14) 1,2-Dichlorobenzene	6.97	146	801335	40.40	ng		99
15) Benzyl Alcohol	6.94	79	620314	33.27	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1219218	34.30	ng		86
17) 2-Methylphenol	7.06	107	674624	40.20	ng		95
18) Hexachloroethane	7.31	117	344356	41.58	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	544697	36.30	ng	#	73
20) 3+4-Methylphenols	7.22	107	694611	35.22	ng	#	59
22) Acetophenone	7.22	105	1151340	41.61	ng	#	93
24) Nitrobenzene	7.39	77	917316	43.74	ng		91
25) Isophorone	7.63	82	1569756	39.70	ng		98
26) 2-Nitrophenol	7.70	139	401786	42.10	ng	#	82
27) 2,4-Dimethylphenol	7.74	122	710031	36.76	ng		96
28) bis(2-Chloroethoxy)methane	7.85	93	956802	39.61	ng	#	97
29) 2,4-Dichlorophenol	7.95	162	681814	42.37	ng		97
30) 1,2,4-Trichlorobenzene	8.03	180	714025	42.98	ng	#	93
31) Naphthalene	8.11	128	2270880	43.50	ng		99
32) Benzoic acid	7.89	122	499095	41.18	ng		95
33) 4-Chloroaniline	8.16	127	910254	38.03	ng		98
34) Hexachlorobutadiene	8.22	225	383924	40.20	ng		98
35) Caprolactam	8.54	113	217018	40.01	ng	#	43
36) 4-Chloro-3-methylphenol	8.65	107	677608	37.59	ng		95
37) 2-Methylnaphthalene	8.80	142	1400075	37.36	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	678223	45.67	ng		99
40) Hexachlorocyclopentadiene	8.96	237	349314	38.96	ng		99

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Quant Time: Jan 20 00:49:51 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	462542	41.63	ng		92
43) 2,4,5-Trichlorophenol	9.13	196	444780	41.76	ng		93
45) 1,1'-Biphenyl	9.26	154	1770443	43.12	ng		99
46) 2-Chloronaphthalene	9.29	162	1331080	41.27	ng		94
47) 2-Nitroaniline	9.39	65	500093	46.98	ng	#	73
48) Acenaphthylene	9.70	152	1885568	39.57	ng		96
49) Dimethylphthalate	9.57	163	1534061	41.54	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	326898	40.36	ng	#	55
51) Acenaphthene	9.87	154	1338795	41.89	ng		97
52) 3-Nitroaniline	9.80	138	443297	44.17	ng		89
53) 2,4-Dinitrophenol	9.90	184	214303	62.90	ng	#	89
54) Dibenzofuran	10.04	168	1674802	40.14	ng		90
55) 4-Nitrophenol	9.97	139	343240	47.11	ng		91
56) 2,4-Dinitrotoluene	10.03	165	419265	40.90	ng	#	89
57) Fluorene	10.38	166	1265613	39.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	404073	44.43	ng		87
59) Diethylphthalate	10.27	149	1587684	43.60	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	676304	51.16	ng		89
61) 4-Nitroaniline	10.42	138	443273	49.54	ng		87
62) Azobenzene	10.54	77	1670303	41.82	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	284068	46.94	ng		89
65) n-Nitrosodiphenylamine	10.50	169	1168838	36.66	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	418988	39.04	ng	#	71
67) Hexachlorobenzene	10.93	284	482454	39.94	ng		96
68) Atrazine	11.04	200	416645	39.93	ng		93
69) Pentachlorophenol	11.13	266	249222	39.79	ng		99
70) Phenanthrene	11.34	178	1946956	37.33	ng		96
71) Anthracene	11.40	178	2232076	43.65	ng		98
72) Carbazole	11.55	167	1783496	35.68	ng		99
73) Di-n-butylphthalate	11.89	149	2376001	44.63	ng		98
74) Fluoranthene	12.53	202	2250721	41.31	ng		94
76) Benzidine	12.66	184	928697	41.16	ng		98
77) Pyrene	12.76	202	2253493	45.63	ng		99
79) Butylbenzylphthalate	13.38	149	870556	40.74	ng		87
80) Benzo(a)anthracene	13.94	228	1552035	42.00	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	646460	50.13	ng		97
82) Chrysene	13.99	228	1578383	44.45	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	1094562	40.54	ng	#	99
84) Di-n-octyl phthalate	14.56	149	1740277	38.18	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.73	276	1267260	45.03	ng		99
87) Benzo(b)fluoranthene	14.97	252	1468706m	43.13	ng		
88) Benzo(k)fluoranthene	14.99	252	1096948m	39.39	ng		
89) Benzo(a)pyrene	15.30	252	1203294	41.66	ng	#	96
90) Dibenzo(a,h)anthracene	16.74	278	1046611	42.11	ng		97
91) Benzo(g,h,i)perylene	17.14	276	1091169	42.40	ng		96

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

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