Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011916\
Data File : BF084544.D
Acq On : 19 Jan 2016 9:30
Operator : SJ/UM
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
1/20/2016 2:22:17 PM

Quant Time: Jan 19 17:20:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 19 17:05:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	303740	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1228665	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	547628	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	1060706	20.00	ng		0.00
75) Chrysene-d12	13.96	240	837103	20.00	ng		0.00
86) Perylene-d12	15.37	264	657483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1383592	73.68	ng		0.00
7) Phenol-d6	6.44	99	1798805	76.27	ng		0.00
23) Nitrobenzene-d5	7.37	82	1586876	71.88	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	480177	86.85	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	2537850	81.24	ng		0.00
78) Terphenyl-d14	12.91	244	2616453	69.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	351651	39.53	ng	#	80
3) Pyridine	3.05	79	848426	34.21	ng	#	70
4) n-Nitrosodimethylamine	3.01	42	403611	31.70	ng	#	77
6) Aniline	6.46	93	1272290	36.88	ng		97
8) 2-Chlorophenol	6.58	128	826353	38.79	ng		85
9) Benzaldehyde	6.34	77	536450	34.93	ng		99
10) Phenol	6.45	94	948407	35.37	ng	#	59
11) bis(2-Chloroethyl)ether	6.53	93	827360	39.83	ng	#	81
12) 1,3-Dichlorobenzene	6.74	146	896518	40.79	ng		100
13) 1,4-Dichlorobenzene	6.82	146	870553m	39.50	ng		
14) 1,2-Dichlorobenzene	6.97	146	819393	38.82	ng		98
15) Benzyl Alcohol	6.94	79	662872	33.41	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1253430	33.14	ng		86
17) 2-Methylphenol	7.07	107	719276	40.28	ng		94
18) Hexachloroethane	7.31	117	357513	40.57	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	604615	37.87	ng	#	73
20) 3+4-Methylphenols	7.22	107	749463	35.71	ng	#	52
22) Acetophenone	7.22	105	1196729	40.51	ng	#	93
24) Nitrobenzene	7.39	77	984517	43.97	ng		94
25) Isophorone	7.63	82	1652679	39.14	ng		99
26) 2-Nitrophenol	7.70	139	416073	40.83	ng	#	79
27) 2,4-Dimethylphenol	7.74	122	758545	36.77	ng		97
28) bis(2-Chloroethoxy)methane	7.85	93	1030081	39.94	ng		97
29) 2,4-Dichlorophenol	7.95	162	716546	41.70	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	750171	42.29	ng	#	95
31) Naphthalene	8.11	128	2397023	43.00	ng		99
32) Benzoic acid	7.89	122	521249	40.42	ng		94
33) 4-Chloroaniline	8.16	127	967398	37.85	ng		97
34) Hexachlorobutadiene	8.22	225	396321	38.87	ng		97
35) Caprolactam	8.56	113	250575	43.26	ng	#	74
36) 4-Chloro-3-methylphenol	8.65	107	737990	38.34	ng		94
37) 2-Methylnaphthalene	8.80	142	1454005	36.34	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	720425	45.76	ng		99
40) Hexachlorocyclopentadiene	8.96	237	367711	38.69	ng		99

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Quant Time: Jan 19 17:20:45 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 19 17:05:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	476827	40.48	ng		93
43) 2,4,5-Trichlorophenol	9.13	196	483603	42.83	ng		97
45) 1,1'-Biphenyl	9.26	154	1800474	41.37	ng		99
46) 2-Chloronaphthalene	9.29	162	1360198	39.79	ng		95
47) 2-Nitroaniline	9.39	65	548938	48.65	ng	#	85
48) Acenaphthylene	9.70	152	1960218	38.81	ng		96
49) Dimethylphthalate	9.57	163	1568224	40.06	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	337282	39.28	ng	#	51
51) Acenaphthene	9.87	154	1411684	41.67	ng		97
52) 3-Nitroaniline	9.80	138	441067	41.45	ng		93
53) 2,4-Dinitrophenol	9.90	184	224975	62.33	ng	#	85
54) Dibenzofuran	10.04	168	1775737	40.15	ng	#	90
55) 4-Nitrophenol	9.97	139	343118	44.43	ng	#	83
56) 2,4-Dinitrotoluene	10.03	165	450864	41.49	ng	#	82
57) Fluorene	10.38	166	1293457	37.74	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	416911	43.25	ng		91
59) Diethylphthalate	10.27	149	1672528	43.33	ng		97
60) 4-Chlorophenyl-phenylether	10.38	204	716886	51.16	ng		91
61) 4-Nitroaniline	10.42	138	447774	47.21	ng		92
62) Azobenzene	10.54	77	1803147	42.59	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	272366	42.07	ng	#	71
65) n-Nitrosodiphenylamine	10.50	169	1266919	37.36	ng		100
66) 4-Bromophenyl-phenylether	10.88	248	457808	40.10	ng	#	91
67) Hexachlorobenzene	10.93	284	492015	38.29	ng	#	93
68) Atrazine	11.04	200	438181	39.48	ng		96
69) Pentachlorophenol	11.13	266	260563	39.11	ng		98
70) Phenanthrene	11.34	178	2039482	36.76	ng		95
71) Anthracene	11.40	178	2392994	44.00	ng		97
72) Carbazole	11.55	167	2104096	39.57	ng		98
73) Di-n-butylphthalate	11.89	149	2574792	45.76	ng	#	96
74) Fluoranthene	12.53	202	2349961	40.54	ng		96
76) Benzidine	12.66	184	1197876	39.91	ng		99
77) Pyrene	12.76	202	2427814	36.96	ng		96
79) Butylbenzylphthalate	13.39	149	1065423	37.48	ng	#	78
80) Benzo(a)anthracene	13.95	228	1808353	36.79	ng		98
81) 3,3'-Dichlorobenzidine	13.92	252	765772	44.64	ng	#	97
82) Chrysene	13.99	228	1733305	36.70	ng		98
83) Bis(2-ethylhexyl)phthalate	13.95	149	1305972	36.37	ng	#	93
84) Di-n-octyl phthalate	14.56	149	2131077	35.15	ng	#	87
85) Indeno(1,2,3-cd)pyrene	16.73	276	1409116	37.64	ng		100
87) Benzo(b)fluoranthene	14.97	252	1683063	39.13	ng	#	96
88) Benzo(k)fluoranthene	14.99	252	1525461m	43.37	ng		
89) Benzo(a)pyrene	15.31	252	1529745	41.93	ng		97
90) Dibenzo(a,h)anthracene	16.74	278	1153972	36.76	ng		98
91) Benzo(g,h,i)perylene	17.14	276	1173720	36.11	ng		98

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

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