Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012716\
Data File : BF084622.D
Acq On : 27 Jan 2016 15:50
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
1/28/2016 2:21:51 PM

Quant Time: Jan 27 18:12:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	291375	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	1238854	20.00	ng		0.00
38) Acenaphthene-d10	9.78	164	472139	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	864488	20.00	ng		0.00
75) Chrysene-d12	13.91	240	676053	20.00	ng		0.01
86) Perylene-d12	15.29	264	621070	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	1447842	80.37	ng		0.00
7) Phenol-d6	6.40	99	1662953	73.50	ng		0.00
23) Nitrobenzene-d5	7.31	82	1736825	78.03	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	429531	90.11	ng		0.01
44) 2-Fluorobiphenyl	9.12	172	2881645	109.17	ng		0.01
78) Terphenyl-d14	12.85	244	2485058	82.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	306839	35.96	ng	#	75
3) Pyridine	2.92	79	870504	36.59	ng	#	74
4) n-Nitrosodimethylamine	2.89	42	454133	37.19	ng		79
6) Aniline	6.41	93	1145641	34.61	ng	#	59
8) 2-Chlorophenol	6.53	128	815629	39.91	ng		91
9) Benzaldehyde	6.28	77	487014	33.06	ng		99
10) Phenol	6.41	94	921746	35.83	ng	#	69
11) bis(2-Chloroethyl)ether	6.49	93	807134	40.50	ng		88
12) 1,3-Dichlorobenzene	6.68	146	859061	40.75	ng		98
13) 1,4-Dichlorobenzene	6.76	146	847184m	40.07	ng		
14) 1,2-Dichlorobenzene	6.91	146	715662	35.35	ng		97
15) Benzyl Alcohol	6.90	79	703696	36.97	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	1263126	34.81	ng		94
17) 2-Methylphenol	7.01	107	624943	36.48	ng	#	93
18) Hexachloroethane	7.25	117	344845	40.79	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	535433	34.96	ng	#	78
20) 3+4-Methylphenols	7.17	107	761840	37.84	ng	#	83
22) Acetophenone	7.16	105	1123485	37.71	ng	#	97
24) Nitrobenzene	7.33	77	813924	36.05	ng		96
25) Isophorone	7.58	82	1652612	38.82	ng		97
26) 2-Nitrophenol	7.65	139	455288	44.31	ng		89
27) 2,4-Dimethylphenol	7.70	122	727845	35.00	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	970083	37.31	ng		98
29) 2,4-Dichlorophenol	7.89	162	624109	36.02	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	719399	40.22	ng	#	96
31) Naphthalene	8.05	128	2287707	40.70	ng		98
32) Benzoic acid	7.86	122	560952	42.72	ng		93
33) 4-Chloroaniline	8.11	127	1086275	42.16	ng		94
34) Hexachlorobutadiene	8.17	225	373922	36.37	ng		98
35) Caprolactam	8.51	113	241471	41.35	ng	#	55
36) 4-Chloro-3-methylphenol	8.60	107	711336	36.66	ng		93
37) 2-Methylnaphthalene	8.74	142	1433884	35.54	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	696568	51.32	ng		99
40) Hexachlorocyclopentadiene	8.90	237	376197	45.91	ng		99

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Quant Time: Jan 27 18:12:06 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 25 16:24:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	451494	44.46	ng		95
43) 2,4,5-Trichlorophenol	9.07	196	481571	49.47	ng	#	88
45) 1,1'-Biphenyl	9.21	154	1646282	43.87	ng		99
46) 2-Chloronaphthalene	9.23	162	1291296	43.81	ng		96
47) 2-Nitroaniline	9.33	65	500752	51.47	ng		95
48) Acenaphthylene	9.64	152	1594078	36.61	ng		97
49) Dimethylphthalate	9.53	163	1816590	53.82	ng	#	91
50) 2,6-Dinitrotoluene	9.58	165	426379	57.60	ng		91
51) Acenaphthene	9.81	154	1191055	40.78	ng		98
52) 3-Nitroaniline	9.74	138	376206	41.01	ng		99
53) 2,4-Dinitrophenol	9.85	184	176627	57.08	ng	#	69
54) Dibenzofuran	9.98	168	1421894	37.06	ng	#	88
55) 4-Nitrophenol	9.93	139	316719	47.57	ng		97
56) 2,4-Dinitrotoluene	9.98	165	450546	48.09	ng	#	86
57) Fluorene	10.33	166	1102936	37.29	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.11	232	358330	43.11	ng		95
59) Diethylphthalate	10.21	149	1297562	38.99	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	639753	53.29	ng		93
61) 4-Nitroaniline	10.37	138	372351	45.54	ng		87
62) Azobenzene	10.49	77	1509935	41.37	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	250993	47.93	ng		72
65) n-Nitrosodiphenylamine	10.45	169	1149894	41.60	ng		99
66) 4-Bromophenyl-phenylether	10.81	248	392515	42.18	ng	#	68
67) Hexachlorobenzene	10.88	284	462628	44.17	ng		95
68) Atrazine	10.98	200	325578	35.99	ng		97
69) Pentachlorophenol	11.07	266	240639	44.31	ng		98
70) Phenanthrene	11.29	178	1775000	39.25	ng		96
71) Anthracene	11.35	178	1951438	44.02	ng		99
72) Carbazole	11.49	167	1611447	37.19	ng		98
73) Di-n-butylphthalate	11.84	149	2152242	47.35	ng	#	96
74) Fluoranthene	12.48	202	2010774	42.57	ng		92
76) Benzidine	12.60	184	912536	37.65	ng		98
77) Pyrene	12.71	202	2039847	38.45	ng		99
79) Butylbenzylphthalate	13.32	149	937207	40.82	ng	#	85
80) Benzo(a)anthracene	13.88	228	1679232	42.30	ng		98
81) 3,3'-Dichlorobenzidine	13.86	252	642118	46.35	ng	#	98
82) Chrysene	13.93	228	1665209	43.65	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	1267251	43.69	ng	#	94
84) Di-n-octyl phthalate	14.50	149	1973143	40.30	ng	#	85
85) Indeno(1,2,3-cd)pyrene	16.61	276	1301505	43.04	ng		96
87) Benzo(b)fluoranthene	14.90	252	1525506	37.55	ng		98
88) Benzo(k)fluoranthene	14.93	252	1430475m	43.05	ng		
89) Benzo(a)pyrene	15.23	252	1337408	38.81	ng	#	97
90) Dibenzo(a,h)anthracene	16.63	278	1058513	35.70	ng		96
91) Benzo(g,h,i)perylene	17.01	276	1396162	45.47	ng		98

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

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