Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102616\
Data File : BF090844.D
Acq On : 26 Oct 2016 16:13
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/27/2016 3:46:02 PM

Quant Time: Oct 26 16:56:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 26 16:35:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	192495	20.00	ng		-0.01
21) Naphthalene-d8	8.08	136	789647	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	450933	20.00	ng		-0.01
63) Phenanthrene-d10	11.32	188	755452	20.00	ng		0.00
75) Chrysene-d12	13.96	240	657823	20.00	ng		0.00
86) Perylene-d12	15.37	264	542006	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	930593	84.52	ng		-0.01
7) Phenol-d6	6.43	99	1146267	77.17	ng		-0.01
23) Nitrobenzene-d5	7.36	82	988797	81.97	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	386352	83.37	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2103446	81.91	ng		-0.01
78) Terphenyl-d14	12.91	244	2365559	90.60	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	225090	39.99	ng	#	74
3) Pyridine	3.02	79	627958	41.13	ng	#	69
4) n-Nitrosodimethylamine	2.99	42	177848	41.37	ng	#	56
6) Aniline	6.45	93	694133	40.91	ng	#	69
8) 2-Chlorophenol	6.58	128	552648	40.69	ng		94
9) Benzaldehyde	6.33	77	296685	38.67	ng	#	72
10) Phenol	6.44	94	587480	35.89	ng	#	40
11) bis(2-Chloroethyl)ether	6.53	93	562903	41.56	ng		85
12) 1,3-Dichlorobenzene	6.73	146	571045m	41.11	ng		
13) 1,4-Dichlorobenzene	6.81	146	592960m	40.59	ng		
14) 1,2-Dichlorobenzene	6.97	146	510455	36.45	ng		99
15) Benzyl Alcohol	6.94	79	389021	39.88	ng		85
16) 2,2'-oxybis(1-Chloropropan	7.07	45	549768	40.79	ng		58
17) 2-Methylphenol	7.06	107	428590	41.48	ng	#	85
18) Hexachloroethane	7.30	117	194150	36.51	ng		90
19) n-Nitroso-di-n-propylamine	7.22	70	362716	42.24	ng	#	66
20) 3+4-Methylphenols	7.21	107	477307	39.90	ng	#	43
22) Acetophenone	7.21	105	653235	40.21	ng	#	85
24) Nitrobenzene	7.38	77	526378	41.26	ng	#	73
25) Isophorone	7.62	82	969851	39.62	ng	#	90
26) 2-Nitrophenol	7.70	139	306105	44.79	ng	#	90
27) 2,4-Dimethylphenol	7.74	122	480600	43.43	ng		86
28) bis(2-Chloroethoxy)methane	7.84	93	593475	42.63	ng	#	94
29) 2,4-Dichlorophenol	7.94	162	422266	41.21	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	471413	39.81	ng		96
31) Naphthalene	8.10	128	1447790	39.22	ng		97
32) Benzoic acid	7.89	122	334930	41.69	ng	#	71
33) 4-Chloroaniline	8.16	127	662488	44.42	ng	#	95
34) Hexachlorobutadiene	8.22	225	302540	43.45	ng		99
35) Caprolactam	8.53	113	150638	47.36	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	535016	48.01	ng		92
37) 2-Methylnaphthalene	8.80	142	1156494	48.51	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	491286	39.71	ng		99
40) Hexachlorocyclopentadiene	8.94	237	221913	38.99	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	321718	40.28	ng		100
43) 2,4,5-Trichlorophenol	9.12	196	356821	43.38	ng		98
45) 1,1'-Biphenyl	9.26	154	1282568	39.49	ng		93
46) 2-Chloronaphthalene	9.29	162	1003581	40.62	ng		97
47) 2-Nitroaniline	9.38	65	261520	37.51	ng	#	81
48) Acenaphthylene	9.70	152	1582791	42.31	ng		95
49) Dimethylphthalate	9.56	163	1162619	38.59	ng	#	97
50) 2,6-Dinitrotoluene	9.63	165	281537	42.31	ng	#	90
51) Acenaphthene	9.87	154	1041389	40.42	ng		89
52) 3-Nitroaniline	9.80	138	275079	38.83	ng		96
53) 2,4-Dinitrophenol	9.90	184	137380	39.22	ng	#	83
54) Dibenzofuran	10.04	168	1419180	42.68	ng	#	87
55) 4-Nitrophenol	9.96	139	184282	42.66	ng	#	76
56) 2,4-Dinitrotoluene	10.03	165	368157	44.54	ng	#	95
57) Fluorene	10.38	166	1125622	41.33	ng		92
58) 2,3,4,6-Tetrachlorophenol	10.16	232	287868	39.19	ng		94
59) Diethylphthalate	10.26	149	1127658	37.68	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	505495	38.02	ng	#	88
61) 4-Nitroaniline	10.41	138	323568	46.12	ng	#	52
62) Azobenzene	10.53	77	1078370	36.65	ng		85
64) 4,6-Dinitro-2-methylphenol	10.44	198	231039	46.13	ng	#	66
65) n-Nitrosodiphenylamine	10.50	169	950214	41.06	ng		90
66) 4-Bromophenyl-phenylether	10.86	248	341889	41.33	ng		99
67) Hexachlorobenzene	10.93	284	434243	44.35	ng	#	81
68) Atrazine	11.02	200	247086	34.52	ng		86
69) Pentachlorophenol	11.13	266	223288	42.51	ng		99
70) Phenanthrene	11.34	178	1626147m	42.27	ng		
71) Anthracene	11.39	178	1527819	37.71	ng		97
72) Carbazole	11.55	167	1477508	41.30	ng	#	93
73) Di-n-butylphthalate	11.88	149	1856170	40.25	ng	#	97
74) Fluoranthene	12.53	202	1736285	41.21	ng		86
76) Benzidine	12.66	184	607281	42.28	ng		95
77) Pyrene	12.76	202	1830391	43.97	ng		96
79) Butylbenzylphthalate	13.38	149	722927	38.27	ng		89
80) Benzo(a)anthracene	13.95	228	1481987	42.45	ng		96
81) 3,3'-Dichlorobenzidine	13.92	252	628992	46.41	ng	#	92
82) Chrysene	13.99	228	1496086m	42.37	ng		
83) Bis(2-ethylhexyl)phthalate	13.95	149	1067465	43.40	ng	#	99
84) Di-n-octyl phthalate	14.56	149	1738245	42.08	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.74	276	1277656	40.83	ng	#	91
87) Benzo(b)fluoranthene	14.97	252	1757495m	48.22	ng		
88) Benzo(k)fluoranthene	15.00	252	1124744m	39.05	ng		
89) Benzo(a)pyrene	15.31	252	1318931	42.12	ng	#	91
90) Dibenzo(a,h)anthracene	16.76	278	1118792	42.20	ng	#	79
91) Benzo(g,h,i)perylene	17.15	276	1020694	40.88	ng	#	79

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

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