Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122216\
Data File : BF091877.D
Acq On : 22 Dec 2016 11:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
SOHIL
12/23/2016 5:51:37 PM

Quant Time: Dec 23 00:56:27 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 21 16:17:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	308515	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1259677	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	678181	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	1132373	20.00	ng		0.00
75) Chrysene-d12	13.91	240	828066	20.00	ng		0.00
86) Perylene-d12	15.30	264	724054	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1365742	73.92	ng		0.00
7) Phenol-d6	6.41	99	1838426	81.50	ng		0.00
23) Nitrobenzene-d5	7.32	82	1757939	77.60	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	426653	76.02	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2539369	75.24	ng		0.00
78) Terphenyl-d14	12.85	244	2259549	66.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	390556	42.93	ng		98
3) Pyridine	2.97	79	1197315	37.71	ng		98
4) n-Nitrosodimethylamine	2.93	42	426202	35.59	ng		99
6) Aniline	6.41	93	1121632	38.28	ng	#	68
8) 2-Chlorophenol	6.53	128	807959	38.44	ng		98
9) Benzaldehyde	6.29	77	540744	43.30	ng		97
10) Phenol	6.42	94	1121800	43.64	ng		86
11) bis(2-Chloroethyl)ether	6.49	93	800137	39.12	ng		99
12) 1,3-Dichlorobenzene	6.68	146	876615	39.07	ng	#	89
13) 1,4-Dichlorobenzene	6.76	146	837352	36.67	ng		100
14) 1,2-Dichlorobenzene	6.92	146	812692	41.01	ng		98
15) Benzyl Alcohol	6.90	79	633380	36.13	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1167394	38.33	ng		95
17) 2-Methylphenol	7.02	107	676174	40.00	ng		97
18) Hexachloroethane	7.26	117	331245	39.12	ng		96
19) n-Nitroso-di-n-propylamine	7.17	70	567795	37.83	ng		100
20) 3+4-Methylphenols	7.18	107	824991	40.92	ng	#	70
22) Acetophenone	7.17	105	1217831	39.20	ng	#	96
24) Nitrobenzene	7.34	77	957247	39.67	ng	#	80
25) Isophorone	7.58	82	1661508	39.75	ng		99
26) 2-Nitrophenol	7.65	139	449716	37.80	ng		98
27) 2,4-Dimethylphenol	7.71	122	767490	38.89	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	943326	37.22	ng		99
29) 2,4-Dichlorophenol	7.90	162	686099	41.06	ng		94
30) 1,2,4-Trichlorobenzene	7.98	180	721145	39.38	ng		98
31) Naphthalene	8.05	128	2271628	39.40	ng		100
32) Benzoic acid	7.85	122	601961	41.12	ng		97
33) 4-Chloroaniline	8.11	127	971968	37.39	ng		98
34) Hexachlorobutadiene	8.18	225	376548	38.96	ng		100
35) Caprolactam	8.50	113	209091	38.08	ng	#	63
36) 4-Chloro-3-methylphenol	8.60	107	735321	38.24	ng		98
37) 2-Methylnaphthalene	8.75	142	1510479	42.32	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	615440	35.92	ng		99
40) Hexachlorocyclopentadiene	8.90	237	228123	32.39	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	462674m	38.61	ng		
43) 2,4,5-Trichlorophenol	9.08	196	462819m	37.53	ng		
45) 1,1'-Biphenyl	9.22	154	1892723	40.76	ng		99
46) 2-Chloronaphthalene	9.24	162	1425001	38.75	ng		99
47) 2-Nitroaniline	9.33	65	504518	38.53	ng		98
48) Acenaphthylene	9.65	152	2217535	39.21	ng		99
49) Dimethylphthalate	9.53	163	1694860	39.07	ng		100
50) 2,6-Dinitrotoluene	9.58	165	394111	41.51	ng		92
51) Acenaphthene	9.82	154	1403547	36.61	ng		99
52) 3-Nitroaniline	9.76	138	509043	43.33	ng		82
53) 2,4-Dinitrophenol	9.86	184	184937	35.01	ng	#	86
54) Dibenzofuran	10.00	168	1899362	36.68	ng		96
55) 4-Nitrophenol	9.93	139	316174	39.63	ng		89
56) 2,4-Dinitrotoluene	9.98	165	445029	37.35	ng		92
57) Fluorene	10.34	166	1608919	42.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.12	232	366234	37.55	ng		98
59) Diethylphthalate	10.21	149	1585637	37.64	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	620759	37.63	ng		95
61) 4-Nitroaniline	10.36	138	503311	41.34	ng		95
62) Azobenzene	10.49	77	1867782	40.27	ng		97
64) 4,6-Dinitro-2-methylphenol	10.40	198	298890	43.65	ng		88
65) n-Nitrosodiphenylamine	10.45	169	1400383	41.68	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	470787	39.97	ng	#	87
67) Hexachlorobenzene	10.89	284	488735	38.82	ng	#	86
68) Atrazine	10.98	200	343156	31.66	ng		99
69) Pentachlorophenol	11.08	266	252244	40.83	ng		99
70) Phenanthrene	11.29	178	2262624	36.85	ng		98
71) Anthracene	11.35	178	2226606	39.13	ng		100
72) Carbazole	11.51	167	2196990	42.33	ng		100
73) Di-n-butylphthalate	11.84	149	2265592	38.33	ng		100
74) Fluoranthene	12.48	202	2099330	38.41	ng		100
76) Benzidine	12.60	184	763984	34.18	ng		99
77) Pyrene	12.71	202	2247248	36.99	ng		99
79) Butylbenzylphthalate	13.33	149	1124788	40.71	ng	#	83
80) Benzo(a)anthracene	13.89	228	1615376	34.56	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	625302	35.28	ng		97
82) Chrysene	13.93	228	1666393	35.54	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	1202395	36.95	ng	#	96
84) Di-n-octyl phthalate	14.50	149	2253048	37.38	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1567192	38.58	ng		97
87) Benzo(b)fluoranthene	14.91	252	1922963m	42.66	ng		
88) Benzo(k)fluoranthene	14.93	252	1241245m	32.29	ng		
89) Benzo(a)pyrene	15.24	252	1501619	37.53	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1305968	39.71	ng		97
91) Benzo(g,h,i)perylene	17.04	276	1326912	38.80	ng	#	94

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

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