Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122116\
Data File : BF091875.D
Acq On : 22 Dec 2016 10:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
12/22/2016 7:09:20 PM

Quant Time: Dec 22 16:21:26 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	343849	20.00	ng		0.00
21) Naphthalene-d8	8.04	136	1331420	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	755574	20.00	ng		0.00
63) Phenanthrene-d10	11.26	188	1136701	20.00	ng		0.00
75) Chrysene-d12	13.91	240	839487	20.00	ng		0.00
86) Perylene-d12	15.30	264	726256	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	1506460	73.15	ng		0.00
7) Phenol-d6	6.41	99	1968419	78.29	ng		0.00
23) Nitrobenzene-d5	7.32	82	1715929	71.66	ng		0.00
41) 2,4,6-Tribromophenol	10.58	330	430010	68.77	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	2588856	67.56	ng		0.00
78) Terphenyl-d14	12.85	244	2333750	67.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	420848	41.51	ng		97
3) Pyridine	2.98	79	1068228	30.19	ng		96
4) n-Nitrosodimethylamine	2.94	42	449453	33.67	ng		97
6) Aniline	6.42	93	1220232	37.37	ng		93
8) 2-Chlorophenol	6.53	128	879836	37.56	ng		96
9) Benzaldehyde	6.29	77	587074	41.47	ng		96
10) Phenol	6.42	94	1203063	41.99	ng		90
11) bis(2-Chloroethyl)ether	6.49	93	887862	38.95	ng		99
12) 1,3-Dichlorobenzene	6.69	146	941316	37.64	ng		99
13) 1,4-Dichlorobenzene	6.76	146	930981	36.58	ng		100
14) 1,2-Dichlorobenzene	6.92	146	868741	39.34	ng		99
15) Benzyl Alcohol	6.90	79	686011	35.12	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.04	45	1229729	36.22	ng		91
17) 2-Methylphenol	7.02	107	683147	36.26	ng		96
18) Hexachloroethane	7.26	117	352585	37.36	ng		98
19) n-Nitroso-di-n-propylamine	7.17	70	604692	36.15	ng		99
20) 3+4-Methylphenols	7.18	107	881164	39.22	ng	#	72
22) Acetophenone	7.17	105	1282348	39.05	ng	#	94
24) Nitrobenzene	7.34	77	1027848	40.30	ng	#	83
25) Isophorone	7.58	82	1683678	38.11	ng		98
26) 2-Nitrophenol	7.65	139	466524	37.10	ng		98
27) 2,4-Dimethylphenol	7.71	122	829081	39.75	ng		93
28) bis(2-Chloroethoxy)methane	7.79	93	985033	36.77	ng		99
29) 2,4-Dichlorophenol	7.90	162	698019	39.52	ng		93
30) 1,2,4-Trichlorobenzene	7.98	180	754515	38.98	ng		99
31) Naphthalene	8.06	128	2421452	39.74	ng		98
32) Benzoic acid	7.86	122	627571	40.56	ng		96
33) 4-Chloroaniline	8.11	127	1028938	37.45	ng		98
34) Hexachlorobutadiene	8.18	225	390592	38.23	ng		100
35) Caprolactam	8.50	113	212756	36.66	ng	#	60
36) 4-Chloro-3-methylphenol	8.61	107	804617	39.59	ng		87
37) 2-Methylnaphthalene	8.75	142	1546635	40.37	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	667969	34.99	ng		99
40) Hexachlorocyclopentadiene	8.90	237	231726	29.88	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	508529	38.09	ng		97
43) 2,4,5-Trichlorophenol	9.08	196	463333	33.72	ng	#	85
45) 1,1'-Biphenyl	9.22	154	1958651	37.86	ng		99
46) 2-Chloronaphthalene	9.24	162	1492380	36.43	ng		99
47) 2-Nitroaniline	9.33	65	532428	36.50	ng		97
48) Acenaphthylene	9.65	152	2455298	38.97	ng		100
49) Dimethylphthalate	9.53	163	1849426	38.27	ng		99
50) 2,6-Dinitrotoluene	9.58	165	427150	40.38	ng	#	87
51) Acenaphthene	9.82	154	1548610	36.25	ng		99
52) 3-Nitroaniline	9.76	138	591719	45.20	ng		86
53) 2,4-Dinitrophenol	9.86	184	199718	33.93	ng	#	88
54) Dibenzofuran	10.00	168	2068533	35.86	ng		97
55) 4-Nitrophenol	9.93	139	341432	38.42	ng		90
56) 2,4-Dinitrotoluene	9.98	165	482234	36.32	ng		92
57) Fluorene	10.34	166	1634253	38.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	417053	38.38	ng		97
59) Diethylphthalate	10.21	149	1702573	36.28	ng		100
60) 4-Chlorophenyl-phenylether	10.33	204	635456	34.58	ng		96
61) 4-Nitroaniline	10.36	138	513879	37.88	ng		95
62) Azobenzene	10.49	77	1897047	36.71	ng		98
64) 4,6-Dinitro-2-methylphenol	10.40	198	296892	43.19	ng		82
65) n-Nitrosodiphenylamine	10.45	169	1434158	42.52	ng		100
66) 4-Bromophenyl-phenylether	10.82	248	467660	39.55	ng		91
67) Hexachlorobenzene	10.89	284	496407	39.28	ng	#	87
68) Atrazine	10.98	200	354188	32.55	ng		99
69) Pentachlorophenol	11.08	266	261013	42.09	ng		99
70) Phenanthrene	11.29	178	2303251	37.37	ng		99
71) Anthracene	11.34	178	2251376	39.53	ng		99
72) Carbazole	11.50	167	2223870	42.93	ng		100
73) Di-n-butylphthalate	11.84	149	2350147	39.76	ng		99
74) Fluoranthene	12.48	202	2194440	40.17	ng		100
76) Benzidine	12.60	184	710741	30.72	ng		100
77) Pyrene	12.71	202	2313696	37.56	ng		100
79) Butylbenzylphthalate	13.33	149	1156273	41.28	ng	#	83
80) Benzo(a)anthracene	13.89	228	1655615	34.94	ng		100
81) 3,3'-Dichlorobenzidine	13.86	252	643427	35.81	ng	#	98
82) Chrysene	13.93	228	1662398	34.97	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	1225535	37.15	ng	#	97
84) Di-n-octyl phthalate	14.50	149	2355156	38.54	ng		100
85) Indeno(1,2,3-cd)pyrene	16.64	276	1573086	38.20	ng		96
87) Benzo(b)fluoranthene	14.91	252	1955579m	43.25	ng		
88) Benzo(k)fluoranthene	14.93	252	1238807m	32.13	ng		
89) Benzo(a)pyrene	15.24	252	1506628	37.54	ng		99
90) Dibenzo(a,h)anthracene	16.65	278	1327389	40.24	ng		97
91) Benzo(g,h,i)perylene	17.04	276	1352280	39.43	ng	#	93

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

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