Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121716\
Data File : BF091710.D
Acq On : 17 Dec 2016 12:51
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
12/20/2016 11:40:09 AM

Quant Time: Dec 17 23:54:33 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 17 22:53:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	327041	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	1299418	20.00	ng		0.00
38) Acenaphthene-d10	9.81	164	683015	20.00	ng		0.00
63) Phenanthrene-d10	11.29	188	1063654	20.00	ng		0.00
75) Chrysene-d12	13.93	240	738430	20.00	ng		0.00
86) Perylene-d12	15.33	264	817787	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1544464	79.12	ng		0.00
7) Phenol-d6	6.42	99	1871638	78.62	ng		0.00
23) Nitrobenzene-d5	7.34	82	1943692	86.26	ng		0.00
41) 2,4,6-Tribromophenol	10.60	330	450889	77.85	ng		0.00
44) 2-Fluorobiphenyl	9.14	172	2780107	81.77	ng		0.00
78) Terphenyl-d14	12.88	244	2818047	96.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	386817	40.24	ng		98
3) Pyridine	3.02	79	1334433	43.09	ng		96
4) n-Nitrosodimethylamine	2.98	42	501027	41.80	ng		99
6) Aniline	6.43	93	1263217	41.24	ng		91
8) 2-Chlorophenol	6.56	128	865898	40.30	ng		99
9) Benzaldehyde	6.32	77	598742	44.39	ng		99
10) Phenol	6.43	94	1007210	37.54	ng		94
11) bis(2-Chloroethyl)ether	6.51	93	845293	39.44	ng		99
12) 1,3-Dichlorobenzene	6.72	146	962026	40.77	ng		99
13) 1,4-Dichlorobenzene	6.78	146	918525	38.47	ng		99
14) 1,2-Dichlorobenzene	6.94	146	897971	42.94	ng		100
15) Benzyl Alcohol	6.92	79	746746	40.51	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	1309732	39.99	ng		100
17) 2-Methylphenol	7.04	107	753000	41.94	ng		98
18) Hexachloroethane	7.29	117	382612	43.13	ng		99
19) n-Nitroso-di-n-propylamine	7.20	70	626615	39.57	ng		100
20) 3+4-Methylphenols	7.20	107	792432	39.56	ng		96
22) Acetophenone	7.18	105	1285426	40.97	ng		99
24) Nitrobenzene	7.36	77	955698	39.50	ng		99
25) Isophorone	7.61	82	1808818	42.07	ng		99
26) 2-Nitrophenol	7.68	139	490615	42.03	ng		100
27) 2,4-Dimethylphenol	7.72	122	773349	40.61	ng		99
28) bis(2-Chloroethoxy)methane	7.81	93	995649	39.58	ng		100
29) 2,4-Dichlorophenol	7.93	162	728905	41.50	ng		99
30) 1,2,4-Trichlorobenzene	8.01	180	792717	41.65	ng		100
31) Naphthalene	8.08	128	2445938	39.40	ng		100
32) Benzoic acid	7.87	122	619540	45.65	ng		99
33) 4-Chloroaniline	8.13	127	1057750	40.45	ng		99
34) Hexachlorobutadiene	8.20	225	437159	40.85	ng		99
35) Caprolactam	8.52	113	237118	41.96	ng	#	75
36) 4-Chloro-3-methylphenol	8.62	107	776457	40.08	ng		100
37) 2-Methylnaphthalene	8.77	142	1608521	41.10	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	708681	41.63	ng		99
40) Hexachlorocyclopentadiene	8.93	237	340000	47.12	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	520558	42.79	ng		100
43) 2,4,5-Trichlorophenol	9.09	196	497783	41.65	ng		98
45) 1,1'-Biphenyl	9.24	154	2108871	43.08	ng		99
46) 2-Chloronaphthalene	9.26	162	1561268	42.68	ng		99
47) 2-Nitroaniline	9.36	65	489980	39.23	ng		99
48) Acenaphthylene	9.68	152	2321551	40.96	ng		100
49) Dimethylphthalate	9.55	163	1916613	42.96	ng		100
50) 2,6-Dinitrotoluene	9.61	165	447867	45.78	ng		97
51) Acenaphthene	9.85	154	1573108	40.43	ng		99
52) 3-Nitroaniline	9.77	138	496158	40.74	ng		100
53) 2,4-Dinitrophenol	9.88	184	231552	43.82	ng		98
54) Dibenzofuran	10.02	168	2003869	43.32	ng		99
55) 4-Nitrophenol	9.94	139	323399	38.24	ng		99
56) 2,4-Dinitrotoluene	10.01	165	530543	43.42	ng		95
57) Fluorene	10.36	166	1595074	44.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.14	232	408066	41.30	ng		100
59) Diethylphthalate	10.24	149	1768027	40.31	ng		100
60) 4-Chlorophenyl-phenylether	10.35	204	653966	39.95	ng		100
61) 4-Nitroaniline	10.38	138	454339	39.37	ng		99
62) Azobenzene	10.51	77	1828245	39.18	ng		99
64) 4,6-Dinitro-2-methylphenol	10.42	198	342296	48.79	ng		93
65) n-Nitrosodiphenylamine	10.48	169	1381033	41.81	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	455266	40.82	ng		96
67) Hexachlorobenzene	10.91	284	520927	44.57	ng		99
68) Atrazine	11.00	200	427426	42.82	ng		99
69) Pentachlorophenol	11.10	266	307802	48.80	ng		99
70) Phenanthrene	11.32	178	2477210	46.61	ng		99
71) Anthracene	11.37	178	2126387	37.77	ng		100
72) Carbazole	11.53	167	2124419	43.16	ng		100
73) Di-n-butylphthalate	11.86	149	2625278	41.60	ng		100
74) Fluoranthene	12.50	202	2315525	41.71	ng		99
76) Benzidine	12.63	184	968526	45.57	ng		99
77) Pyrene	12.73	202	2231401	41.84	ng		99
79) Butylbenzylphthalate	13.36	149	1115240	44.68	ng		100
80) Benzo(a)anthracene	13.92	228	1826830	43.25	ng		100
81) 3,3'-Dichlorobenzidine	13.88	252	781926	46.27	ng		97
82) Chrysene	13.96	228	2016263	46.05	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	1367206	43.18	ng		100
84) Di-n-octyl phthalate	14.53	149	2726894	46.74	ng		100
85) Indeno(1,2,3-cd)pyrene	16.69	276	1881862	43.72	ng		99
87) Benzo(b)fluoranthene	14.95	252	2434966m	46.96	ng		
88) Benzo(k)fluoranthene	14.97	252	1328295m	36.51	ng		
89) Benzo(a)pyrene	15.28	252	1800790	40.46	ng		99
90) Dibenzo(a,h)anthracene	16.71	278	1583871	40.83	ng		100
91) Benzo(g,h,i)perylene	17.09	276	1602439	40.64	ng	#	95

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

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