Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100616\
Data File : BF090423.D
Acq On : 6 Oct 2016 16:38
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
10/7/2016 7:02:50 PM

Quant Time: Oct 06 19:22:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 05 14:57:00 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	241119	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1027454	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	541871	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	904223	20.00	ng		-0.01
75) Chrysene-d12	14.19	240	834059	20.00	ng		-0.01
86) Perylene-d12	15.69	264	582840	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	1170040	72.42	ng		-0.01
7) Phenol-d6	6.62	99	1705390	80.60	ng		0.00
23) Nitrobenzene-d5	7.56	82	1503128	71.16	ng		-0.01
41) 2,4,6-Tribromophenol	10.84	330	414772	94.14	ng		-0.01
44) 2-Fluorobiphenyl	9.37	172	2352953	72.35	ng		-0.01
78) Terphenyl-d14	13.13	244	2372655	63.95	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	303658	38.13	ng	#	90
3) Pyridine	3.46	79	846729	38.13	ng	#	82
4) n-Nitrosodimethylamine	3.40	42	325834	35.56	ng	#	52
6) Aniline	6.66	93	1170981	40.06	ng		98
8) 2-Chlorophenol	6.78	128	739571	41.60	ng		91
9) Benzaldehyde	6.54	77	433839	40.56	ng		99
10) Phenol	6.63	94	1076995	43.78	ng		92
11) bis(2-Chloroethyl)ether	6.73	93	641112	34.04	ng		90
12) 1,3-Dichlorobenzene	6.94	146	676818	38.19	ng		97
13) 1,4-Dichlorobenzene	7.01	146	683567	37.98	ng		99
14) 1,2-Dichlorobenzene	7.17	146	727597	41.95	ng		98
15) Benzyl Alcohol	7.14	79	679537	42.24	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1093315	34.22	ng		92
17) 2-Methylphenol	7.24	107	575124	39.33	ng		98
18) Hexachloroethane	7.51	117	278350	39.22	ng		98
19) n-Nitroso-di-n-propylamine	7.41	70	560801	36.14	ng	#	82
20) 3+4-Methylphenols	7.40	107	722470	38.17	ng		93
22) Acetophenone	7.41	105	985092	40.48	ng	#	85
24) Nitrobenzene	7.58	77	905974	43.20	ng		93
25) Isophorone	7.82	82	1464458	37.92	ng		99
26) 2-Nitrophenol	7.90	139	358629	39.74	ng		93
27) 2,4-Dimethylphenol	7.94	122	698262	39.78	ng		99
28) bis(2-Chloroethoxy)methane	8.03	93	818861	35.85	ng	#	97
29) 2,4-Dichlorophenol	8.14	162	551650	41.34	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	529022	38.46	ng		99
31) Naphthalene	8.31	128	1875858	37.84	ng		97
32) Benzoic acid	8.05	122	496784	40.71	ng		94
33) 4-Chloroaniline	8.35	127	766201	37.40	ng		99
34) Hexachlorobutadiene	8.43	225	315961	41.12	ng		98
35) Caprolactam	8.73	113	169923	37.87	ng		92
36) 4-Chloro-3-methylphenol	8.83	107	601184	35.98	ng		94
37) 2-Methylnaphthalene	9.00	142	1214973	40.49	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	587722	41.14	ng		99
40) Hexachlorocyclopentadiene	9.16	237	347491	44.37	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	370292	37.56	ng		97
43) 2,4,5-Trichlorophenol	9.32	196	373854	40.11	ng	#	87
45) 1,1'-Biphenyl	9.47	154	1673107	41.67	ng		98
46) 2-Chloronaphthalene	9.49	162	1154955	38.93	ng		100
47) 2-Nitroaniline	9.58	65	486443	41.56	ng		95
48) Acenaphthylene	9.91	152	1941281	39.66	ng		98
49) Dimethylphthalate	9.77	163	1287342	37.10	ng		100
50) 2,6-Dinitrotoluene	9.82	165	279807	36.32	ng		97
51) Acenaphthene	10.09	154	1257477	41.20	ng		99
52) 3-Nitroaniline	9.99	138	362869	40.32	ng		96
53) 2,4-Dinitrophenol	10.10	184	180651	52.59	ng		97
54) Dibenzofuran	10.26	168	1590234	40.25	ng		99
55) 4-Nitrophenol	10.14	139	277612	35.25	ng		94
56) 2,4-Dinitrotoluene	10.22	165	402709	39.27	ng	#	23
57) Fluorene	10.60	166	1397349	42.09	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.37	232	294350	42.28	ng		91
59) Diethylphthalate	10.46	149	1371621	38.20	ng	#	91
60) 4-Chlorophenyl-phenylether	10.59	204	620268	41.09	ng		99
61) 4-Nitroaniline	10.61	138	389239	42.92	ng		95
62) Azobenzene	10.75	77	1468708	35.41	ng		91
64) 4,6-Dinitro-2-methylphenol	10.63	198	205259	35.25	ng		89
65) n-Nitrosodiphenylamine	10.70	169	1051120	34.69	ng		98
66) 4-Bromophenyl-phenylether	11.08	248	370415	41.79	ng		97
67) Hexachlorobenzene	11.15	284	433218	43.89	ng		96
68) Atrazine	11.23	200	257592	34.48	ng		98
69) Pentachlorophenol	11.34	266	238072	40.52	ng		99
70) Phenanthrene	11.56	178	1677485	36.23	ng		99
71) Anthracene	11.62	178	1994248	42.18	ng		99
72) Carbazole	11.77	167	1721577	39.19	ng		99
73) Di-n-butylphthalate	12.10	149	2056038	38.46	ng		99
74) Fluoranthene	12.75	202	1828944	40.27	ng		95
76) Benzidine	12.87	184	901346	41.10	ng		99
77) Pyrene	12.99	202	2066573	37.16	ng		100
79) Butylbenzylphthalate	13.61	149	1049477	36.78	ng		95
80) Benzo(a)anthracene	14.18	228	1814461	38.77	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	733706	43.24	ng	#	99
82) Chrysene	14.21	228	1525143	35.41	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	1404108	34.62	ng		99
84) Di-n-octyl phthalate	14.78	149	2183708	36.31	ng	#	91
85) Indeno(1,2,3-cd)pyrene	17.21	276	1167131	38.01	ng		94
87) Benzo(b)fluoranthene	15.25	252	1569419	42.27	ng	#	98
88) Benzo(k)fluoranthene	15.28	252	1365325m	39.15	ng		
89) Benzo(a)pyrene	15.63	252	1320689	41.27	ng		99
90) Dibenzo(a,h)anthracene	17.22	278	985813	36.21	ng	#	91
91) Benzo(g,h,i)perylene	17.66	276	897649	34.36	ng		96

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

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