Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100516\
Data File : BF090404.D
Acq On : 6 Oct 2016 2:29
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
SOHIL
10/6/2016 5:27:46 PM

Quant Time: Oct 06 06:44:33 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	261101	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	1087459	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	532617	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	901357	20.00	ng		0.00
75) Chrysene-d12	14.19	240	605060	20.00	ng		-0.01
86) Perylene-d12	15.70	264	471892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	1375667	78.63	ng		0.00
7) Phenol-d6	6.62	99	1711744	74.71	ng		0.00
23) Nitrobenzene-d5	7.57	82	1737200	77.71	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	365967	84.50	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2714105	84.90	ng		0.00
78) Terphenyl-d14	13.14	244	2494899	92.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	327120	37.93	ng	#	94
3) Pyridine	3.48	79	946633	39.37	ng	#	84
4) n-Nitrosodimethylamine	3.42	42	373019	37.59	ng	#	66
6) Aniline	6.66	93	1236890	39.08	ng		96
8) 2-Chlorophenol	6.78	128	683487	35.50	ng		87
9) Benzaldehyde	6.54	77	486793	42.03	ng		87
10) Phenol	6.63	94	952566	35.76	ng		97
11) bis(2-Chloroethyl)ether	6.74	93	795301	38.99	ng		95
12) 1,3-Dichlorobenzene	6.94	146	703537	36.66	ng	#	91
13) 1,4-Dichlorobenzene	7.02	146	793469	40.71	ng		98
14) 1,2-Dichlorobenzene	7.17	146	659871	35.13	ng		94
15) Benzyl Alcohol	7.14	79	625907	35.93	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	1325928	38.33	ng		96
17) 2-Methylphenol	7.25	107	580382	36.66	ng		99
18) Hexachloroethane	7.53	117	286681	37.31	ng	#	89
19) n-Nitroso-di-n-propylamine	7.42	70	660568	39.32	ng	#	81
20) 3+4-Methylphenols	7.41	107	818183	39.92	ng	#	67
22) Acetophenone	7.41	105	932531	36.21	ng	#	98
24) Nitrobenzene	7.58	77	816349	36.78	ng		92
25) Isophorone	7.83	82	1576398	38.57	ng		97
26) 2-Nitrophenol	7.90	139	356045	37.27	ng	#	73
27) 2,4-Dimethylphenol	7.94	122	644333	34.68	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	991224	41.00	ng		98
29) 2,4-Dichlorophenol	8.14	162	505224	35.77	ng		88
30) 1,2,4-Trichlorobenzene	8.23	180	584026	40.12	ng		99
31) Naphthalene	8.31	128	1885045	35.93	ng		99
32) Benzoic acid	8.06	122	534190	41.36	ng		90
33) 4-Chloroaniline	8.36	127	870853	40.16	ng		97
34) Hexachlorobutadiene	8.44	225	315976	38.85	ng		98
35) Caprolactam	8.74	113	185203	39.00	ng		93
36) 4-Chloro-3-methylphenol	8.84	107	721083	40.77	ng		100
37) 2-Methylnaphthalene	9.01	142	1294958	40.78	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	510946	36.39	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	280277	36.41	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	402988m	41.59	ng		
43) 2,4,5-Trichlorophenol	9.32	196	378017m	41.26	ng		
45) 1,1'-Biphenyl	9.47	154	1519407	38.50	ng		92
46) 2-Chloronaphthalene	9.50	162	1244478	42.68	ng		95
47) 2-Nitroaniline	9.58	65	462769	40.22	ng	#	82
48) Acenaphthylene	9.91	152	1751295	36.40	ng		100
49) Dimethylphthalate	9.78	163	1441095	42.25	ng		98
50) 2,6-Dinitrotoluene	9.83	165	340976	45.03	ng	#	81
51) Acenaphthene	10.09	154	1119237	37.31	ng		98
52) 3-Nitroaniline	10.01	138	394816	44.63	ng	#	84
53) 2,4-Dinitrophenol	10.10	184	126772	37.55	ng	#	1
54) Dibenzofuran	10.26	168	1414990	36.44	ng		92
55) 4-Nitrophenol	10.15	139	347208	44.86	ng		88
56) 2,4-Dinitrotoluene	10.23	165	402147	39.90	ng	#	36
57) Fluorene	10.60	166	1247775	38.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	258990	37.85	ng	#	79
59) Diethylphthalate	10.47	149	1392160	39.45	ng		94
60) 4-Chlorophenyl-phenylether	10.60	204	620207	41.80	ng	#	85
61) 4-Nitroaniline	10.61	138	374503	42.01	ng		95
62) Azobenzene	10.76	77	1732353	42.50	ng		88
64) 4,6-Dinitro-2-methylphenol	10.65	198	215804	36.89	ng	#	66
65) n-Nitrosodiphenylamine	10.71	169	1186079	39.27	ng		97
66) 4-Bromophenyl-phenylether	11.09	248	353278	39.98	ng	#	86
67) Hexachlorobenzene	11.16	284	389661	39.60	ng	#	85
68) Atrazine	11.24	200	321552	43.17	ng		97
69) Pentachlorophenol	11.34	266	229982	39.27	ng		99
70) Phenanthrene	11.57	178	1877262	40.67	ng		98
71) Anthracene	11.62	178	1657997	35.18	ng		99
72) Carbazole	11.78	167	1774998	40.53	ng		97
73) Di-n-butylphthalate	12.11	149	2260604	42.42	ng	#	97
74) Fluoranthene	12.76	202	1647858	36.40	ng		98
76) Benzidine	12.87	184	756208	47.53	ng		98
77) Pyrene	12.99	202	1567341	38.85	ng		99
79) Butylbenzylphthalate	13.61	149	845124	40.82	ng	#	74
80) Benzo(a)anthracene	14.18	228	1393798	41.06	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	518361	42.11	ng	#	98
82) Chrysene	14.22	228	1350299	43.22	ng		99
83) Bis(2-ethylhexyl)phthalate	14.18	149	1231435	41.85	ng	#	97
84) Di-n-octyl phthalate	14.80	149	1853411	42.49	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.22	276	1115716	50.09	ng		94
87) Benzo(b)fluoranthene	15.25	252	1031959	34.33	ng	#	95
88) Benzo(k)fluoranthene	15.29	252	1098825m	38.92	ng		
89) Benzo(a)pyrene	15.63	252	987252	38.11	ng	#	94
90) Dibenzo(a,h)anthracene	17.24	278	937963	42.55	ng	#	95
91) Benzo(g,h,i)perylene	17.68	276	895923	42.36	ng		95

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

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