Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020916\
Data File : BF084961.D
Acq On : 9 Feb 2016 19:30
Operator : SJ/IZ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
2/10/2016 1:45:06 PM

Quant Time: Feb 10 04:22:39 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF020116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 03 14:16:01 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	188670	20.00	ng		-0.05
21) Naphthalene-d8	7.93	136	813629	20.00	ng		-0.05
38) Acenaphthene-d10	9.68	164	382722	20.00	ng		-0.06
63) Phenanthrene-d10	11.15	188	699571	20.00	ng		-0.06
75) Chrysene-d12	13.78	240	479328	20.00	ng		-0.06
86) Perylene-d12	15.14	264	386226	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	984704	81.29	ng		-0.06
7) Phenol-d6	6.29	99	1102237	73.40	ng		-0.05
23) Nitrobenzene-d5	7.21	82	1100002	76.16	ng		-0.06
41) 2,4,6-Tribromophenol	10.46	330	324314	81.24	ng		-0.06
44) 2-Fluorobiphenyl	9.00	172	1701533	70.83	ng		-0.06
78) Terphenyl-d14	12.74	244	1850452	87.48	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	19525m	3.68	ng		
3) Pyridine	2.74	79	559790	40.49	ng	#	75
4) n-Nitrosodimethylamine	2.69	42	279847	39.14	ng		79
6) Aniline	6.30	93	737539	40.14	ng	#	62
8) 2-Chlorophenol	6.42	128	520621	37.97	ng		90
9) Benzaldehyde	6.18	77	320490	36.14	ng		98
10) Phenol	6.30	94	585228	34.79	ng	#	72
11) bis(2-Chloroethyl)ether	6.38	93	558825	42.60	ng		88
12) 1,3-Dichlorobenzene	6.57	146	552825	38.16	ng	#	90
13) 1,4-Dichlorobenzene	6.65	146	559521	38.64	ng		97
14) 1,2-Dichlorobenzene	6.81	146	547549	40.60	ng		99
15) Benzyl Alcohol	6.80	79	421384	40.64	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.93	45	864644	39.18	ng		88
17) 2-Methylphenol	6.92	107	431775	39.82	ng	#	88
18) Hexachloroethane	7.15	117	223160	40.02	ng	#	89
19) n-Nitroso-di-n-propylamine	7.07	70	353061	37.51	ng	#	74
20) 3+4-Methylphenols	7.07	107	524153	38.94	ng	#	79
22) Acetophenone	7.06	105	756695	35.29	ng	#	99
24) Nitrobenzene	7.23	77	575356	37.20	ng		97
25) Isophorone	7.48	82	1036048	36.89	ng	#	94
26) 2-Nitrophenol	7.55	139	319802	41.92	ng		96
27) 2,4-Dimethylphenol	7.60	122	469338	35.37	ng		95
28) bis(2-Chloroethoxy)methane	7.69	93	564511	33.88	ng		99
29) 2,4-Dichlorophenol	7.79	162	405576	35.72	ng		95
30) 1,2,4-Trichlorobenzene	7.87	180	474583	37.01	ng		96
31) Naphthalene	7.95	128	1556770	38.14	ng		100
32) Benzoic acid	7.76	122	372009	43.83	ng		92
33) 4-Chloroaniline	8.01	127	667730	39.56	ng		96
34) Hexachlorobutadiene	8.06	225	249857	33.79	ng		98
35) Caprolactam	8.40	113	130343	37.25	ng	#	55
36) 4-Chloro-3-methylphenol	8.50	107	460739	35.57	ng		94
37) 2-Methylnaphthalene	8.64	142	927449	36.31	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.81	216	467627	38.47	ng		99
40) Hexachlorocyclopentadiene	8.80	237	166200	39.44	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	296109	37.81	ng		96
43) 2,4,5-Trichlorophenol	8.97	196	310604	39.04	ng		94
45) 1,1'-Biphenyl	9.10	154	1321013	38.64	ng		99
46) 2-Chloronaphthalene	9.13	162	989627	39.31	ng	#	90
47) 2-Nitroaniline	9.23	65	337634	42.36	ng	#	88
48) Acenaphthylene	9.54	152	1486678	38.92	ng		98
49) Dimethylphthalate	9.41	163	1026101	35.20	ng	#	90
50) 2,6-Dinitrotoluene	9.47	165	231539	36.36	ng	#	48
51) Acenaphthene	9.71	154	970631	39.05	ng		97
52) 3-Nitroaniline	9.64	138	256422	35.83	ng		90
53) 2,4-Dinitrophenol	9.76	184	101105	37.71	ng	#	80
54) Dibenzofuran	9.88	168	1183052	38.95	ng		97
55) 4-Nitrophenol	9.82	139	192461	36.60	ng		85
56) 2,4-Dinitrotoluene	9.88	165	317654	39.11	ng	#	86
57) Fluorene	10.22	166	1011633	39.88	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.01	232	222646	36.76	ng		89
59) Diethylphthalate	10.11	149	1074489	37.75	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	406721	36.85	ng		92
61) 4-Nitroaniline	10.26	138	297661	42.69	ng		86
62) Azobenzene	10.37	77	1013410	37.03	ng		89
64) 4,6-Dinitro-2-methylphenol	10.28	198	167762	38.85	ng	#	57
65) n-Nitrosodiphenylamine	10.34	169	827368	37.25	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	315301	40.81	ng	#	91
67) Hexachlorobenzene	10.76	284	301674	35.83	ng	#	87
68) Atrazine	10.88	200	303331	43.24	ng		95
69) Pentachlorophenol	10.97	266	127444	32.21	ng		98
70) Phenanthrene	11.17	178	1344763	34.66	ng		97
71) Anthracene	11.23	178	1581539	40.45	ng		100
72) Carbazole	11.39	167	1395652	40.94	ng		98
73) Di-n-butylphthalate	11.72	149	1530831	35.27	ng	#	96
74) Fluoranthene	12.35	202	1474266	37.54	ng		98
76) Benzidine	12.49	184	719912	43.14	ng		99
77) Pyrene	12.58	202	1388562	37.84	ng		99
79) Butylbenzylphthalate	13.22	149	715820	43.00	ng	#	83
80) Benzo(a)anthracene	13.77	228	1191060	40.04	ng		98
81) 3,3'-Dichlorobenzidine	13.75	252	425980	40.44	ng		97
82) Chrysene	13.80	228	1008641	34.96	ng		99
83) Bis(2-ethylhexyl)phthalate	13.78	149	874599	42.21	ng	#	97
84) Di-n-octyl phthalate	14.39	149	1272176	37.22	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.40	276	923205	40.66	ng		99
87) Benzo(b)fluoranthene	14.77	252	1152049m	44.39	ng		
88) Benzo(k)fluoranthene	14.80	252	720059m	33.56	ng		
89) Benzo(a)pyrene	15.08	252	829068	37.50	ng	#	96
90) Dibenzo(a,h)anthracene	16.41	278	764748	41.09	ng		96
91) Benzo(g,h,i)perylene	16.77	276	802921	42.82	ng		97

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

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