Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053116\
Data File : BF087602.D
Acq On : 1 Jun 2016 3:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
6/1/2016 6:34:20 PM

Quant Time: Jun 01 04:20:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 01 03:17:16 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	175072	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	704386	20.00	ng		0.00
38) Acenaphthene-d10	12.31	164	334190	20.00	ng		0.00
63) Phenanthrene-d10	14.71	188	631829	20.00	ng		0.00
75) Chrysene-d12	18.42	240	519100	20.00	ng		0.00
86) Perylene-d12	20.11	264	360193	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	819205	82.22	ng		0.00
7) Phenol-d6	7.02	99	1085883	80.66	ng		0.00
23) Nitrobenzene-d5	8.38	82	1141191	81.65	ng		0.00
41) 2,4,6-Tribromophenol	13.61	330	267631	83.34	ng		0.00
44) 2-Fluorobiphenyl	11.26	172	1713155	72.27	ng		0.00
78) Terphenyl-d14	17.06	244	1810834	74.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	171845	32.69	ng	#	76
3) Pyridine	2.32	79	364392m	31.71	ng		
4) n-Nitrosodimethylamine	2.30	42	353460	39.91	ng	#	43
6) Aniline	6.96	93	714388	41.02	ng		92
8) 2-Chlorophenol	7.13	128	492404	39.63	ng		89
9) Benzaldehyde	6.78	77	254301	34.21	ng		96
10) Phenol	7.04	94	589522	40.10	ng		82
11) bis(2-Chloroethyl)ether	7.10	93	463010	38.91	ng		89
12) 1,3-Dichlorobenzene	7.34	146	516030	38.08	ng	#	91
13) 1,4-Dichlorobenzene	7.47	146	532865	38.30	ng		95
14) 1,2-Dichlorobenzene	7.70	146	503675	39.14	ng		96
15) Benzyl Alcohol	7.76	79	399142	40.67	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.93	45	989824	36.97	ng		87
17) 2-Methylphenol	7.98	107	397741	39.94	ng	#	89
18) Hexachloroethane	8.20	117	205126	39.52	ng		99
19) n-Nitroso-di-n-propylamine	8.18	70	388621	38.71	ng	#	70
20) 3+4-Methylphenols	8.24	107	537985	44.69	ng	#	58
22) Acetophenone	8.15	105	681095	40.47	ng	#	98
24) Nitrobenzene	8.41	77	606716	41.12	ng		95
25) Isophorone	8.80	82	1025518	40.91	ng	#	98
26) 2-Nitrophenol	8.91	139	247022	40.96	ng	#	82
27) 2,4-Dimethylphenol	9.06	122	422227	40.33	ng		86
28) bis(2-Chloroethoxy)methane	9.18	93	565151	40.03	ng		99
29) 2,4-Dichlorophenol	9.34	162	402112	42.62	ng		95
30) 1,2,4-Trichlorobenzene	9.40	180	416480	38.56	ng		97
31) Naphthalene	9.51	128	1377334	39.02	ng		99
32) Benzoic acid	9.46	122	219197	41.55	ng	#	75
33) 4-Chloroaniline	9.68	127	513052	39.46	ng	#	93
34) Hexachlorobutadiene	9.71	225	253693	38.64	ng		98
35) Caprolactam	10.34	113	122940m	44.65	ng		
36) 4-Chloro-3-methylphenol	10.55	107	465515	43.64	ng		93
37) 2-Methylnaphthalene	10.64	142	893732	40.53	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	413595	38.66	ng		99
40) Hexachlorocyclopentadiene	10.88	237	82218	25.93	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.15	196	241936	39.18	ng		96
43) 2,4,5-Trichlorophenol	11.24	196	219799	34.95	ng	#	82
45) 1,1'-Biphenyl	11.40	154	1080182	38.39	ng		97
46) 2-Chloronaphthalene	11.43	162	848622	39.42	ng		96
47) 2-Nitroaniline	11.66	65	331263	42.71	ng	#	76
48) Acenaphthylene	12.08	152	1295535	38.02	ng		99
49) Dimethylphthalate	11.96	163	1033813	38.62	ng		99
50) 2,6-Dinitrotoluene	12.07	165	198946	36.88	ng	#	50
51) Acenaphthene	12.35	154	798790	38.13	ng		98
52) 3-Nitroaniline	12.35	138	236195	42.66	ng		91
53) 2,4-Dinitrophenol	12.57	184	96738	38.72	ng	#	84
54) Dibenzofuran	12.65	168	1119987	39.49	ng		97
55) 4-Nitrophenol	12.78	139	111900	42.37	ng	#	48
56) 2,4-Dinitrotoluene	12.74	165	312733	43.38	ng		89
57) Fluorene	13.20	166	935361	38.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.89	232	190040	39.29	ng		97
59) Diethylphthalate	13.11	149	1026451	39.44	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	448530	37.40	ng		97
61) 4-Nitroaniline	13.36	138	170593	33.01	ng	#	61
62) Azobenzene	13.49	77	1158331	42.90	ng		87
64) 4,6-Dinitro-2-methylphenol	13.41	198	156788	39.03	ng	#	72
65) n-Nitrosodiphenylamine	13.45	169	802054	39.25	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	271464	39.27	ng		92
67) Hexachlorobenzene	14.08	284	278232	38.49	ng	#	65
68) Atrazine	14.37	200	134745	20.69	ng		92
69) Pentachlorophenol	14.47	266	64334	32.60	ng		99
70) Phenanthrene	14.75	178	1377538	39.36	ng		99
71) Anthracene	14.83	178	1424427	40.29	ng		100
72) Carbazole	15.13	167	1218291	40.40	ng		98
73) Di-n-butylphthalate	15.70	149	1534196	39.34	ng		99
74) Fluoranthene	16.51	202	1443576	41.13	ng		96
76) Benzidine	16.77	184	402870	30.16	ng		97
77) Pyrene	16.82	202	1435948	38.43	ng		100
79) Butylbenzylphthalate	17.73	149	626612	37.82	ng	#	73
80) Benzo(a)anthracene	18.41	228	1120551	37.95	ng		99
81) 3,3'-Dichlorobenzidine	18.39	252	631939	38.74	ng		99
82) Chrysene	18.46	228	1086269	37.07	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	864677	35.76	ng		98
84) Di-n-octyl phthalate	19.23	149	1345265	36.48	ng	#	82
85) Indeno(1,2,3-cd)pyrene	21.31	276	824955	35.12	ng	#	94
87) Benzo(b)fluoranthene	19.69	252	818675m	35.68	ng		
88) Benzo(k)fluoranthene	19.71	252	1000346m	50.65	ng		
89) Benzo(a)pyrene	20.05	252	793892	40.01	ng		98
90) Dibenzo(a,h)anthracene	21.30	278	685891	40.52	ng	#	95
91) Benzo(g,h,i)perylene	21.68	276	651823	39.03	ng	#	91

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

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