Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
Data File : BF088864.D
Acq On : 9 Jul 2016 11:40
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
sohil
7/11/2016 7:15:27 PM

Quant Time: Jul 11 04:57:41 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 08 18:51:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	93033	20.00	ng		-0.01
21) Naphthalene-d8	8.01	136	403030	20.00	ng		-0.01
38) Acenaphthene-d10	9.76	164	183402	20.00	ng		-0.01
63) Phenanthrene-d10	11.23	188	346295	20.00	ng		-0.01
75) Chrysene-d12	13.86	240	250866	20.00	ng		-0.01
86) Perylene-d12	15.23	264	223499	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	520023	83.77	ng		-0.01
7) Phenol-d6	6.36	99	608023	75.80	ng		-0.01
23) Nitrobenzene-d5	7.29	82	556692	72.38	ng		-0.01
41) 2,4,6-Tribromophenol	10.55	330	165423	97.13	ng		-0.01
44) 2-Fluorobiphenyl	9.08	172	969411	83.49	ng		-0.01
78) Terphenyl-d14	12.82	244	928231	82.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	111786	36.32	ng	#	39
3) Pyridine	2.89	79	308636	34.56	ng		93
4) n-Nitrosodimethylamine	2.87	42	117173	34.34	ng		89
6) Aniline	6.39	93	422910	36.18	ng	#	78
8) 2-Chlorophenol	6.51	128	280659	42.07	ng		86
9) Benzaldehyde	6.26	77	174038	32.03	ng		86
10) Phenol	6.38	94	306428	33.47	ng	#	40
11) bis(2-Chloroethyl)ether	6.47	93	272651	39.94	ng		87
12) 1,3-Dichlorobenzene	6.66	146	284945	38.81	ng		97
13) 1,4-Dichlorobenzene	6.74	146	306065	42.00	ng		98
14) 1,2-Dichlorobenzene	6.90	146	269357	39.49	ng		99
15) Benzyl Alcohol	6.87	79	224754	38.07	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	319378	32.31	ng		86
17) 2-Methylphenol	6.99	107	224248	41.20	ng		97
18) Hexachloroethane	7.23	117	110945	39.36	ng	#	83
19) n-Nitroso-di-n-propylamine	7.15	70	185397	34.41	ng		91
20) 3+4-Methylphenols	7.15	107	275001	42.10	ng	#	78
22) Acetophenone	7.14	105	368183	37.64	ng	#	89
24) Nitrobenzene	7.31	77	304325	39.25	ng	#	86
25) Isophorone	7.55	82	522704	36.69	ng		95
26) 2-Nitrophenol	7.63	139	144884	45.56	ng	#	76
27) 2,4-Dimethylphenol	7.68	122	268960	40.61	ng		92
28) bis(2-Chloroethoxy)methane	7.77	93	338539	36.52	ng	#	96
29) 2,4-Dichlorophenol	7.87	162	225691	42.17	ng		100
30) 1,2,4-Trichlorobenzene	7.95	180	236576	40.28	ng		99
31) Naphthalene	8.03	128	827195	41.63	ng		99
32) Benzoic acid	7.83	122	182490	37.95	ng		92
33) 4-Chloroaniline	8.08	127	336696	38.09	ng		95
34) Hexachlorobutadiene	8.16	225	139723	44.43	ng		98
35) Caprolactam	8.47	113	66707	36.70	ng	#	87
36) 4-Chloro-3-methylphenol	8.57	107	238616	37.70	ng		89
37) 2-Methylnaphthalene	8.72	142	461085	36.04	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	267218	43.81	ng	#	1
40) Hexachlorocyclopentadiene	8.88	237	111789	37.34	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	159223	39.59	ng		100
43) 2,4,5-Trichlorophenol	9.04	196	134525	38.88	ng	#	85
45) 1,1'-Biphenyl	9.19	154	622629	41.00	ng		98
46) 2-Chloronaphthalene	9.21	162	503650	42.24	ng		99
47) 2-Nitroaniline	9.30	65	144584	34.17	ng		98
48) Acenaphthylene	9.62	152	772660	40.73	ng		99
49) Dimethylphthalate	9.50	163	540245	41.35	ng		100
50) 2,6-Dinitrotoluene	9.55	165	129904	44.86	ng	#	68
51) Acenaphthene	9.79	154	470530	40.46	ng		98
52) 3-Nitroaniline	9.72	138	155145	42.14	ng	#	71
53) 2,4-Dinitrophenol	9.83	184	60646	47.43	ng	#	69
54) Dibenzofuran	9.96	168	614875	40.40	ng	#	88
55) 4-Nitrophenol	9.88	139	120924	43.23	ng		90
56) 2,4-Dinitrotoluene	9.95	165	166877	44.07	ng	#	58
57) Fluorene	10.31	166	544900	46.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.08	232	105831	39.53	ng	#	48
59) Diethylphthalate	10.19	149	580133	44.24	ng		100
60) 4-Chlorophenyl-phenylether	10.30	204	213536	39.18	ng	#	86
61) 4-Nitroaniline	10.33	138	142428	40.21	ng		85
62) Azobenzene	10.46	77	537587	35.94	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	95069	51.33	ng	#	56
65) n-Nitrosodiphenylamine	10.42	169	474961	40.53	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	148764	42.63	ng	#	86
67) Hexachlorobenzene	10.86	284	170023	44.01	ng	#	72
68) Atrazine	10.95	200	125986	34.50	ng		91
69) Pentachlorophenol	11.04	266	89149	38.99	ng		97
70) Phenanthrene	11.26	178	679473	35.89	ng		100
71) Anthracene	11.31	178	812291	43.16	ng		99
72) Carbazole	11.46	167	666677	37.63	ng		99
73) Di-n-butylphthalate	11.80	149	793934	38.53	ng		99
74) Fluoranthene	12.44	202	842884	43.92	ng		94
76) Benzidine	12.57	184	524138	41.34	ng		97
77) Pyrene	12.67	202	835095	39.26	ng		98
79) Butylbenzylphthalate	13.29	149	341997	36.05	ng	#	71
80) Benzo(a)anthracene	13.85	228	649612	40.21	ng		100
81) 3,3'-Dichlorobenzidine	13.82	252	211754	34.87	ng	#	94
82) Chrysene	13.89	228	506421	31.69	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	473199	43.68	ng	#	98
84) Di-n-octyl phthalate	14.47	149	778517	42.31	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.54	276	481866	39.19	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	577548m	41.19	ng		
88) Benzo(k)fluoranthene	14.88	252	432588m	35.44	ng		
89) Benzo(a)pyrene	15.18	252	464794	39.16	ng		99
90) Dibenzo(a,h)anthracene	16.55	278	415157	41.88	ng		96
91) Benzo(g,h,i)perylene	16.93	276	411679	40.13	ng		95

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

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