Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070716\
Data File : BF088773.D
Acq On : 7 Jul 2016 11:16
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
SOHIL
7/8/2016 7:03:24 AM

Quant Time: Jul 08 01:54:17 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	105509	20.00	ng		-0.03
21) Naphthalene-d8	8.03	136	424339	20.00	ng		-0.03
38) Acenaphthene-d10	9.78	164	193944	20.00	ng		-0.03
63) Phenanthrene-d10	11.26	188	356864	20.00	ng		-0.03
75) Chrysene-d12	13.89	240	258428	20.00	ng		-0.03
86) Perylene-d12	15.27	264	252561	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	534898	75.98	ng		-0.05
7) Phenol-d6	6.39	99	697105	76.63	ng		-0.02
23) Nitrobenzene-d5	7.31	82	598473	73.91	ng		-0.03
41) 2,4,6-Tribromophenol	10.57	330	176770	98.15	ng		-0.03
44) 2-Fluorobiphenyl	9.11	172	942616	76.77	ng		-0.03
78) Terphenyl-d14	12.84	244	954364	82.25	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	121956	34.94	ng	#	37
3) Pyridine	2.95	79	347196	34.28	ng		94
4) n-Nitrosodimethylamine	2.91	42	134222	34.69	ng		90
6) Aniline	6.41	93	484470	36.54	ng		99
8) 2-Chlorophenol	6.52	128	281421	37.19	ng		99
9) Benzaldehyde	6.28	77	199565	32.39	ng		87
10) Phenol	6.40	94	399591	38.49	ng	#	59
11) bis(2-Chloroethyl)ether	6.49	93	298512	38.56	ng	#	80
12) 1,3-Dichlorobenzene	6.68	146	339315	40.75	ng		99
13) 1,4-Dichlorobenzene	6.76	146	342939	41.50	ng		98
14) 1,2-Dichlorobenzene	6.91	146	286405m	37.03	ng		
15) Benzyl Alcohol	6.89	79	247063	36.90	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.03	45	351402	31.34	ng		90
17) 2-Methylphenol	7.00	107	234750	38.03	ng		96
18) Hexachloroethane	7.26	117	129155	40.40	ng	#	85
19) n-Nitroso-di-n-propylamine	7.18	70	232869	38.11	ng	#	84
20) 3+4-Methylphenols	7.16	107	272597	36.80	ng	#	81
22) Acetophenone	7.16	105	438193	42.55	ng	#	90
24) Nitrobenzene	7.34	77	334974	41.03	ng		99
25) Isophorone	7.58	82	565591	37.71	ng		97
26) 2-Nitrophenol	7.64	139	144116	43.05	ng		97
27) 2,4-Dimethylphenol	7.69	122	254531	36.50	ng		87
28) bis(2-Chloroethoxy)methane	7.79	93	374284	38.35	ng		98
29) 2,4-Dichlorophenol	7.88	162	223438	39.65	ng		95
30) 1,2,4-Trichlorobenzene	7.98	180	268133	43.36	ng		98
31) Naphthalene	8.06	128	898408	42.95	ng		99
32) Benzoic acid	7.84	122	190870	37.70	ng		89
33) 4-Chloroaniline	8.10	127	382919	41.14	ng		98
34) Hexachlorobutadiene	8.17	225	139811	42.22	ng		98
35) Caprolactam	8.49	113	76581	40.01	ng	#	87
36) 4-Chloro-3-methylphenol	8.59	107	301522	45.25	ng		97
37) 2-Methylnaphthalene	8.74	142	545470	40.49	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	305373	47.34	ng	#	1
40) Hexachlorocyclopentadiene	8.90	237	133093	42.04	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	174779	41.09	ng		100
43) 2,4,5-Trichlorophenol	9.06	196	167437	45.76	ng	#	92
45) 1,1'-Biphenyl	9.21	154	712357	44.36	ng		97
46) 2-Chloronaphthalene	9.23	162	554077	43.95	ng		99
47) 2-Nitroaniline	9.32	65	164046	36.66	ng		99
48) Acenaphthylene	9.64	152	856192	42.68	ng		99
49) Dimethylphthalate	9.52	163	611164	44.23	ng		99
50) 2,6-Dinitrotoluene	9.58	165	141572	46.23	ng	#	88
51) Acenaphthene	9.82	154	515973	41.96	ng		98
52) 3-Nitroaniline	9.74	138	133503	34.29	ng		89
53) 2,4-Dinitrophenol	9.84	184	59422	43.95	ng	#	83
54) Dibenzofuran	9.99	168	672588	41.79	ng	#	90
55) 4-Nitrophenol	9.90	139	99363	33.59	ng		89
56) 2,4-Dinitrotoluene	9.98	165	185805	46.41	ng	#	77
57) Fluorene	10.33	166	565506	45.59	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.10	232	114670	40.50	ng	#	46
59) Diethylphthalate	10.22	149	591149	42.63	ng		99
60) 4-Chlorophenyl-phenylether	10.32	204	216376	37.55	ng	#	86
61) 4-Nitroaniline	10.35	138	156058	41.66	ng		86
62) Azobenzene	10.48	77	587661	37.15	ng		94
64) 4,6-Dinitro-2-methylphenol	10.38	198	88224	46.22	ng		81
65) n-Nitrosodiphenylamine	10.44	169	493759	40.88	ng		98
66) 4-Bromophenyl-phenylether	10.81	248	156677	43.57	ng	#	88
67) Hexachlorobenzene	10.88	284	170283	42.77	ng	#	70
68) Atrazine	10.97	200	133131	35.37	ng		91
69) Pentachlorophenol	11.06	266	90222	38.29	ng		96
70) Phenanthrene	11.28	178	694910	35.62	ng		100
71) Anthracene	11.34	178	834478	43.02	ng		99
72) Carbazole	11.48	167	648531	35.52	ng		99
73) Di-n-butylphthalate	11.83	149	813910	38.33	ng	#	98
74) Fluoranthene	12.47	202	863244	43.65	ng		95
76) Benzidine	12.59	184	583559	44.67	ng		98
77) Pyrene	12.70	202	837897	38.24	ng		98
79) Butylbenzylphthalate	13.33	149	367517	37.60	ng		92
80) Benzo(a)anthracene	13.87	228	660465	39.69	ng		99
81) 3,3'-Dichlorobenzidine	13.84	252	241553	38.61	ng	#	94
82) Chrysene	13.91	228	616302	37.43	ng		98
83) Bis(2-ethylhexyl)phthalate	13.89	149	509651	45.67	ng	#	99
84) Di-n-octyl phthalate	14.49	149	827265	43.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.58	276	538411	42.51	ng	#	100
87) Benzo(b)fluoranthene	14.88	252	563833m	35.59	ng		
88) Benzo(k)fluoranthene	14.91	252	608391m	44.11	ng		
89) Benzo(a)pyrene	15.21	252	518556	38.66	ng		98
90) Dibenzo(a,h)anthracene	16.59	278	462538	41.29	ng		99
91) Benzo(g,h,i)perylene	16.98	276	457366	39.46	ng	#	94

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

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