Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070816\
Data File : BF088819.D
Acq On : 8 Jul 2016 12:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
APPROVED
UMANGI
7/10/2016 12:33:43 AM

Quant Time: Jul 08 19:13:13 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	6.73	152	84340	20.00	ng		0.00
21) Naphthalene-d8	8.02	136	360877	20.00	ng		0.00
38) Acenaphthene-d10	9.77	164	166601	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	304888	20.00	ng		0.00
75) Chrysene-d12	13.87	240	178084	20.00	ng		0.00
86) Perylene-d12	15.25	264	174224	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	449802	79.93	ng		0.00
7) Phenol-d6	6.38	99	536898	73.84	ng		0.00
23) Nitrobenzene-d5	7.30	82	477192	69.30	ng		0.00
41) 2,4,6-Tribromophenol	10.56	330	140313	90.70	ng		0.00
44) 2-Fluorobiphenyl	9.10	172	834589	79.13	ng		0.00
78) Terphenyl-d14	12.82	244	682792	85.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.24	88	100908	36.17	ng	#	40
3) Pyridine	2.90	79	270541	33.42	ng		92
4) n-Nitrosodimethylamine	2.87	42	105266	34.03	ng		91
6) Aniline	6.40	93	393927	37.17	ng		99
8) 2-Chlorophenol	6.51	128	235758	38.98	ng		97
9) Benzaldehyde	6.27	77	157895	32.06	ng		86
10) Phenol	6.39	94	304332	36.67	ng	#	57
11) bis(2-Chloroethyl)ether	6.48	93	249417	40.30	ng	#	82
12) 1,3-Dichlorobenzene	6.67	146	268869	40.40	ng		99
13) 1,4-Dichlorobenzene	6.75	146	280277	42.43	ng		100
14) 1,2-Dichlorobenzene	6.90	146	229533m	37.12	ng		
15) Benzyl Alcohol	6.88	79	195886	36.60	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.02	45	295231	32.94	ng		90
17) 2-Methylphenol	6.99	107	203773	41.30	ng		96
18) Hexachloroethane	7.24	117	101091	39.56	ng	#	84
19) n-Nitroso-di-n-propylamine	7.16	70	189157	38.73	ng	#	83
20) 3+4-Methylphenols	7.15	107	218902	36.97	ng	#	77
22) Acetophenone	7.15	105	354397	40.46	ng	#	88
24) Nitrobenzene	7.32	77	287960	41.47	ng		94
25) Isophorone	7.56	82	458105	35.91	ng		96
26) 2-Nitrophenol	7.63	139	114180	40.10	ng		92
27) 2,4-Dimethylphenol	7.68	122	202725	34.19	ng		87
28) bis(2-Chloroethoxy)methane	7.78	93	328602	39.59	ng	#	96
29) 2,4-Dichlorophenol	7.88	162	196845	41.07	ng		93
30) 1,2,4-Trichlorobenzene	7.96	180	218754	41.59	ng		99
31) Naphthalene	8.04	128	764206	42.95	ng		99
32) Benzoic acid	7.83	122	159883	37.13	ng		92
33) 4-Chloroaniline	8.09	127	279256	35.28	ng		96
34) Hexachlorobutadiene	8.16	225	115036	40.85	ng		97
35) Caprolactam	8.47	113	59389	36.49	ng		94
36) 4-Chloro-3-methylphenol	8.58	107	246093	43.42	ng		96
37) 2-Methylnaphthalene	8.73	142	437747	38.21	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.90	216	256496	46.29	ng	#	1
40) Hexachlorocyclopentadiene	8.89	237	99346	36.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	135834	37.18	ng		95
43) 2,4,5-Trichlorophenol	9.05	196	142922	45.47	ng	#	92
45) 1,1'-Biphenyl	9.20	154	608169	44.08	ng		97
46) 2-Chloronaphthalene	9.22	162	451352	41.67	ng		96
47) 2-Nitroaniline	9.31	65	144883	37.70	ng		99
48) Acenaphthylene	9.63	152	724645	42.05	ng		99
49) Dimethylphthalate	9.51	163	479290	40.38	ng		98
50) 2,6-Dinitrotoluene	9.56	165	106442	40.46	ng	#	87
51) Acenaphthene	9.80	154	459834	43.53	ng		98
52) 3-Nitroaniline	9.72	138	125210	37.44	ng		94
53) 2,4-Dinitrophenol	9.83	184	47416	40.82	ng	#	86
54) Dibenzofuran	9.98	168	579347	41.90	ng		95
55) 4-Nitrophenol	9.88	139	80002	31.48	ng		89
56) 2,4-Dinitrotoluene	9.95	165	138705	40.33	ng	#	44
57) Fluorene	10.32	166	433597	40.70	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	97719	40.18	ng	#	46
59) Diethylphthalate	10.19	149	460475	38.66	ng		97
60) 4-Chlorophenyl-phenylether	10.31	204	192192	38.82	ng		92
61) 4-Nitroaniline	10.33	138	126972	39.46	ng		82
62) Azobenzene	10.47	77	527023	38.79	ng		95
64) 4,6-Dinitro-2-methylphenol	10.36	198	68141	41.79	ng		96
65) n-Nitrosodiphenylamine	10.43	169	418185	40.53	ng		99
66) 4-Bromophenyl-phenylether	10.80	248	134905	43.91	ng		97
67) Hexachlorobenzene	10.86	284	131470	38.65	ng		93
68) Atrazine	10.96	200	128023	39.82	ng		93
69) Pentachlorophenol	11.05	266	76563	38.04	ng		98
70) Phenanthrene	11.27	178	622324	37.34	ng		99
71) Anthracene	11.31	178	649808	39.21	ng		99
72) Carbazole	11.47	167	567054	36.36	ng		99
73) Di-n-butylphthalate	11.82	149	746050	41.12	ng		99
74) Fluoranthene	12.44	202	581448	34.41	ng		97
76) Benzidine	12.57	184	351027	39.00	ng		98
77) Pyrene	12.67	202	604715	40.05	ng		100
79) Butylbenzylphthalate	13.30	149	271967	40.38	ng	#	81
80) Benzo(a)anthracene	13.85	228	484884	42.28	ng		100
81) 3,3'-Dichlorobenzidine	13.83	252	186990	43.37	ng		100
82) Chrysene	13.90	228	485115	42.76	ng		98
83) Bis(2-ethylhexyl)phthalate	13.86	149	322981	42.00	ng		98
84) Di-n-octyl phthalate	14.47	149	521128	39.89	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.55	276	410244	47.00	ng	#	100
87) Benzo(b)fluoranthene	14.86	252	479635m	43.89	ng		
88) Benzo(k)fluoranthene	14.89	252	315494m	33.16	ng		
89) Benzo(a)pyrene	15.19	252	368333	39.80	ng		97
90) Dibenzo(a,h)anthracene	16.56	278	351342	45.47	ng		100
91) Benzo(g,h,i)perylene	16.94	276	363033	45.40	ng		98

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

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