Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061116\
Data File : BF087900.D
Acq On : 11 Jun 2016 14:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
umangi
6/13/2016 7:44:07 PM

Quant Time: Jun 12 05:06:38 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	115916	20.00	ng		-0.05
21) Naphthalene-d8	8.09	136	470193	20.00	ng		-0.03
38) Acenaphthene-d10	9.85	164	234686	20.00	ng		-0.03
63) Phenanthrene-d10	11.32	188	391240	20.00	ng		-0.03
75) Chrysene-d12	13.97	240	307227	20.00	ng		-0.02
86) Perylene-d12	15.38	264	290751	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	569862	84.04	ng		-0.03
7) Phenol-d6	6.44	99	688411	83.77	ng		-0.03
23) Nitrobenzene-d5	7.37	82	633515	78.68	ng		-0.05
41) 2,4,6-Tribromophenol	10.64	330	157230	63.45	ng		-0.03
44) 2-Fluorobiphenyl	9.18	172	1085920	71.83	ng		-0.03
78) Terphenyl-d14	12.93	244	1024115	75.85	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	118656	36.01	ng	#	38
3) Pyridine	3.05	79	334053	42.94	ng		96
4) n-Nitrosodimethylamine	3.00	42	123258	37.41	ng		87
6) Aniline	6.47	93	461810	39.48	ng		99
8) 2-Chlorophenol	6.59	128	321111	40.01	ng		81
9) Benzaldehyde	6.34	77	195712	37.58	ng		88
10) Phenol	6.46	94	415353	49.19	ng		76
11) bis(2-Chloroethyl)ether	6.55	93	305159	42.35	ng		86
12) 1,3-Dichlorobenzene	6.74	146	314891	36.57	ng		99
13) 1,4-Dichlorobenzene	6.82	146	337671	38.93	ng		98
14) 1,2-Dichlorobenzene	6.98	146	312045	39.56	ng		100
15) Benzyl Alcohol	6.95	79	240354	37.39	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	393255	40.40	ng		91
17) 2-Methylphenol	7.07	107	267677	41.13	ng		96
18) Hexachloroethane	7.32	117	121779	39.56	ng		90
19) n-Nitroso-di-n-propylamine	7.23	70	223625	42.54	ng	#	87
20) 3+4-Methylphenols	7.22	107	275094	36.22	ng	#	78
22) Acetophenone	7.22	105	396663	37.75	ng	#	90
24) Nitrobenzene	7.39	77	314954	40.38	ng		91
25) Isophorone	7.63	82	598924	40.16	ng		98
26) 2-Nitrophenol	7.71	139	196157	46.95	ng	#	80
27) 2,4-Dimethylphenol	7.76	122	318409	41.39	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	367217	39.70	ng	#	98
29) 2,4-Dichlorophenol	7.95	162	261929	40.78	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	263620	37.69	ng		99
31) Naphthalene	8.11	128	859224	36.93	ng		100
32) Benzoic acid	7.87	122	175334	41.39	ng		95
33) 4-Chloroaniline	8.17	127	439065	42.26	ng		95
34) Hexachlorobutadiene	8.24	225	144937	39.30	ng		99
35) Caprolactam	8.55	113	87057	40.92	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	265254	38.62	ng		98
37) 2-Methylnaphthalene	8.81	142	623343	40.64	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	252631	39.78	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	140912	37.22	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	180904	38.55	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	198580	40.67	ng		99
45) 1,1'-Biphenyl	9.28	154	774132	43.78	ng		96
46) 2-Chloronaphthalene	9.30	162	607467	40.00	ng		93
47) 2-Nitroaniline	9.39	65	177765	39.68	ng		86
48) Acenaphthylene	9.71	152	933133	38.63	ng		100
49) Dimethylphthalate	9.58	163	645410	37.96	ng		99
50) 2,6-Dinitrotoluene	9.64	165	158147	40.62	ng	#	80
51) Acenaphthene	9.88	154	574096	38.10	ng		99
52) 3-Nitroaniline	9.80	138	166185	36.99	ng		95
53) 2,4-Dinitrophenol	9.91	184	76031	41.42	ng		98
54) Dibenzofuran	10.06	168	804734	38.78	ng		92
55) 4-Nitrophenol	9.96	139	130994	37.57	ng		90
56) 2,4-Dinitrotoluene	10.04	165	223128	44.59	ng		96
57) Fluorene	10.40	166	630614	44.96	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	143306	37.35	ng	#	52
59) Diethylphthalate	10.27	149	626987	36.44	ng		98
60) 4-Chlorophenyl-phenylether	10.39	204	243042	35.22	ng		94
61) 4-Nitroaniline	10.42	138	198640	46.61	ng		95
62) Azobenzene	10.55	77	614792	36.13	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	99616	41.11	ng		95
65) n-Nitrosodiphenylamine	10.51	169	592311	45.62	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	153352	36.54	ng	#	88
67) Hexachlorobenzene	10.95	284	184157	42.23	ng	#	77
68) Atrazine	11.04	200	138505	35.23	ng		92
69) Pentachlorophenol	11.13	266	100350	43.65	ng		97
70) Phenanthrene	11.36	178	866723	42.22	ng		99
71) Anthracene	11.40	178	772924	37.32	ng		100
72) Carbazole	11.56	167	863961	44.58	ng		99
73) Di-n-butylphthalate	11.90	149	878605	35.82	ng		100
74) Fluoranthene	12.54	202	811455	37.45	ng		97
76) Benzidine	12.66	184	365754	43.00	ng		99
77) Pyrene	12.77	202	827791	36.31	ng		99
79) Butylbenzylphthalate	13.39	149	429700	42.63	ng	#	86
80) Benzo(a)anthracene	13.95	228	727803	41.57	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	232716	49.43	ng	#	94
82) Chrysene	14.00	228	809596	49.15	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	507999	41.40	ng		99
84) Di-n-octyl phthalate	14.57	149	941883	47.24	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.75	276	648600	42.38	ng	#	100
87) Benzo(b)fluoranthene	14.98	252	721726	35.61	ng		98
88) Benzo(k)fluoranthene	15.01	252	582626m	38.11	ng		
89) Benzo(a)pyrene	15.33	252	616568	37.61	ng		98
90) Dibenzo(a,h)anthracene	16.78	278	531135	34.88	ng		98
91) Benzo(g,h,i)perylene	17.18	276	559292	35.70	ng		95

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

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