Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091653.D
Acq On : 16 Dec 2016 4:06
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
12/16/2016 6:22:36 PM

Quant Time: Dec 16 06:09:19 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 00:35:41 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	206143	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	927137	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	409734	20.00	ng		0.00
63) Phenanthrene-d10	11.31	188	601814	20.00	ng		0.00
75) Chrysene-d12	13.94	240	419536	20.00	ng		0.00
86) Perylene-d12	15.35	264	420736	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1006985	82.30	ng		0.00
7) Phenol-d6	6.43	99	1287374	84.39	ng		0.00
23) Nitrobenzene-d5	7.36	82	1244478	74.92	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	238221	70.00	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1580070	66.63	ng		0.00
78) Terphenyl-d14	12.89	244	1500995	81.18	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.32	88	229057	35.47	ng	#	85
3) Pyridine	3.01	79	661538	38.45	ng	#	83
4) n-Nitrosodimethylamine	2.97	42	291150	39.39	ng	#	75
6) Aniline	6.45	93	844842	42.24	ng	#	64
8) 2-Chlorophenol	6.57	128	622388	45.07	ng		88
9) Benzaldehyde	6.33	77	441116	42.02	ng		87
10) Phenol	6.44	94	749300	42.01	ng		84
11) bis(2-Chloroethyl)ether	6.52	93	587381	43.84	ng		92
12) 1,3-Dichlorobenzene	6.73	146	616314	41.15	ng		98
13) 1,4-Dichlorobenzene	6.81	146	647177	43.81	ng		98
14) 1,2-Dichlorobenzene	6.96	146	600471	45.11	ng		99
15) Benzyl Alcohol	6.93	79	556606	46.22	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.07	45	793999	38.24	ng		80
17) 2-Methylphenol	7.05	107	490350	42.91	ng	#	77
18) Hexachloroethane	7.30	117	214071	37.13	ng	#	85
19) n-Nitroso-di-n-propylamine	7.21	70	387199	40.59	ng	#	83
20) 3+4-Methylphenols	7.21	107	538727	43.55	ng	#	77
22) Acetophenone	7.20	105	802450	36.12	ng	#	94
24) Nitrobenzene	7.38	77	635143	36.19	ng	#	68
25) Isophorone	7.62	82	1172203	39.70	ng		96
26) 2-Nitrophenol	7.69	139	280284	36.18	ng		92
27) 2,4-Dimethylphenol	7.73	122	509554	37.45	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	655305	37.83	ng		99
29) 2,4-Dichlorophenol	7.94	162	425035	35.91	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	569042	42.30	ng		98
31) Naphthalene	8.10	128	1906572	44.20	ng		100
32) Benzoic acid	7.85	122	315511	33.92	ng		96
33) 4-Chloroaniline	8.14	127	675063	36.32	ng		98
34) Hexachlorobutadiene	8.21	225	261335	33.89	ng		96
35) Caprolactam	8.52	113	152003	43.97	ng	#	54
36) 4-Chloro-3-methylphenol	8.64	107	497359	37.46	ng		96
37) 2-Methylnaphthalene	8.78	142	1012392	36.26	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	422479	37.59	ng		98
40) Hexachlorocyclopentadiene	8.94	237	43168	8.62	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	271454	37.59	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	243502	32.82	ng	#	79
45) 1,1'-Biphenyl	9.25	154	1168299	39.37	ng		96
46) 2-Chloronaphthalene	9.28	162	844899	36.76	ng		99
47) 2-Nitroaniline	9.37	65	269025	34.81	ng	#	83
48) Acenaphthylene	9.69	152	1430657	40.84	ng		99
49) Dimethylphthalate	9.55	163	1040816	40.12	ng		97
50) 2,6-Dinitrotoluene	9.62	165	258658	45.42	ng	#	61
51) Acenaphthene	9.86	154	888721	36.53	ng		97
52) 3-Nitroaniline	9.78	138	268771	40.18	ng		93
53) 2,4-Dinitrophenol	9.88	184	15014	9.04	ng	#	81
54) Dibenzofuran	10.03	168	1248867	41.49	ng		98
55) 4-Nitrophenol	9.95	139	195248	39.23	ng	#	73
56) 2,4-Dinitrotoluene	10.02	165	312467	43.78	ng		95
57) Fluorene	10.37	166	934391	43.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	235222	40.49	ng		98
59) Diethylphthalate	10.25	149	1083873	43.39	ng		100
60) 4-Chlorophenyl-phenylether	10.37	204	438727	40.53	ng		97
61) 4-Nitroaniline	10.40	138	305480	45.95	ng		88
62) Azobenzene	10.52	77	1107708	39.13	ng		87
64) 4,6-Dinitro-2-methylphenol	10.42	198	32106	11.19	ng	#	71
65) n-Nitrosodiphenylamine	10.49	169	854460	47.62	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	268718	43.55	ng		96
67) Hexachlorobenzene	10.92	284	283765	44.23	ng	#	89
68) Atrazine	11.01	200	233237	40.43	ng		99
69) Pentachlorophenol	11.12	266	152636	42.27	ng		96
70) Phenanthrene	11.33	178	1382961	46.40	ng		100
71) Anthracene	11.38	178	1239244	38.55	ng		99
72) Carbazole	11.54	167	1008985	35.81	ng		99
73) Di-n-butylphthalate	11.88	149	1493125	45.48	ng	#	98
74) Fluoranthene	12.51	202	1232884	39.51	ng		94
76) Benzidine	12.64	184	539047	41.55	ng		99
77) Pyrene	12.74	202	1261426	37.90	ng		99
79) Butylbenzylphthalate	13.37	149	548193	42.25	ng		94
80) Benzo(a)anthracene	13.93	228	1007174	41.34	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	434794	49.70	ng	#	98
82) Chrysene	13.96	228	992002	38.92	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	698984	41.99	ng		100
84) Di-n-octyl phthalate	14.55	149	1349572	47.76	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.71	276	816383	35.59	ng		99
87) Benzo(b)fluoranthene	14.95	252	1340944m	53.46	ng		
88) Benzo(k)fluoranthene	14.98	252	671275m	30.44	ng		
89) Benzo(a)pyrene	15.29	252	904350	40.02	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	721076	35.62	ng		99
91) Benzo(g,h,i)perylene	17.12	276	683239	33.17	ng		98

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

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