Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121516\
Data File : BF091628.D
Acq On : 15 Dec 2016 15:09
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
12/16/2016 6:23:21 PM

Quant Time: Dec 16 12:12:34 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	296903	20.00	ng		-0.03
21) Naphthalene-d8	8.08	136	1197809	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	591420	20.00	ng		-0.03
63) Phenanthrene-d10	11.31	188	993459	20.00	ng		-0.02
75) Chrysene-d12	13.94	240	664462	20.00	ng		-0.02
86) Perylene-d12	15.35	264	591216	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	1345319	76.34	ng		-0.03
7) Phenol-d6	6.43	99	1769099	80.52	ng		-0.02
23) Nitrobenzene-d5	7.36	82	1690228	78.76	ng		-0.02
41) 2,4,6-Tribromophenol	10.61	330	386075	78.59	ng		-0.02
44) 2-Fluorobiphenyl	9.15	172	2421333	70.74	ng		-0.03
78) Terphenyl-d14	12.90	244	2390572	81.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	369025	39.68	ng	#	84
3) Pyridine	3.02	79	993160	40.08	ng	#	81
4) n-Nitrosodimethylamine	2.98	42	408534	38.37	ng	#	57
6) Aniline	6.45	93	1177445	40.88	ng	#	64
8) 2-Chlorophenol	6.57	128	784420	39.44	ng		87
9) Benzaldehyde	6.33	77	543607	35.95	ng		85
10) Phenol	6.44	94	1006812	39.19	ng		87
11) bis(2-Chloroethyl)ether	6.52	93	751889	38.96	ng		91
12) 1,3-Dichlorobenzene	6.73	146	876682	40.64	ng		99
13) 1,4-Dichlorobenzene	6.81	146	880336	41.38	ng		97
14) 1,2-Dichlorobenzene	6.96	146	774298	40.38	ng		99
15) Benzyl Alcohol	6.93	79	680731	39.24	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1195177	39.97	ng		79
17) 2-Methylphenol	7.05	107	677199	41.15	ng	#	76
18) Hexachloroethane	7.30	117	322814	38.88	ng	#	85
19) n-Nitroso-di-n-propylamine	7.21	70	525121	38.22	ng	#	82
20) 3+4-Methylphenols	7.21	107	750141	41.99	ng	#	77
22) Acetophenone	7.20	105	1129333	39.35	ng	#	95
24) Nitrobenzene	7.37	77	848184	37.41	ng		94
25) Isophorone	7.62	82	1572273	41.21	ng		97
26) 2-Nitrophenol	7.69	139	419146	41.88	ng		89
27) 2,4-Dimethylphenol	7.73	122	676976	38.51	ng		97
28) bis(2-Chloroethoxy)methane	7.82	93	862977	38.56	ng		100
29) 2,4-Dichlorophenol	7.94	162	663726	43.40	ng		94
30) 1,2,4-Trichlorobenzene	8.02	180	716391	41.22	ng		97
31) Naphthalene	8.10	128	2353740	42.23	ng		100
32) Benzoic acid	7.86	122	597923	47.46	ng		93
33) 4-Chloroaniline	8.14	127	914464	38.09	ng		98
34) Hexachlorobutadiene	8.21	225	358957	36.03	ng		96
35) Caprolactam	8.52	113	194081	43.46	ng	#	64
36) 4-Chloro-3-methylphenol	8.64	107	718295	41.88	ng		98
37) 2-Methylnaphthalene	8.78	142	1372304	38.04	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	651192	40.14	ng		99
40) Hexachlorocyclopentadiene	8.94	237	293133	40.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	460603m	44.19	ng		
43) 2,4,5-Trichlorophenol	9.10	196	440372m	41.12	ng		
45) 1,1'-Biphenyl	9.25	154	1765159	41.21	ng		97
46) 2-Chloronaphthalene	9.28	162	1337821	40.33	ng		98
47) 2-Nitroaniline	9.37	65	443672	39.77	ng		89
48) Acenaphthylene	9.69	152	1970016	38.96	ng		99
49) Dimethylphthalate	9.56	163	1633555	43.62	ng		99
50) 2,6-Dinitrotoluene	9.62	165	394142	47.95	ng	#	76
51) Acenaphthene	9.86	154	1326208	37.76	ng		97
52) 3-Nitroaniline	9.79	138	465943m	48.26	ng		
53) 2,4-Dinitrophenol	9.89	184	179346	46.15	ng	#	70
54) Dibenzofuran	10.03	168	1667089	38.37	ng		100
55) 4-Nitrophenol	9.95	139	306494	42.67	ng		87
56) 2,4-Dinitrotoluene	10.02	165	493697	47.92	ng	#	81
57) Fluorene	10.37	166	1268906	40.35	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	387393	46.20	ng		98
59) Diethylphthalate	10.26	149	1556284	43.16	ng	#	93
60) 4-Chlorophenyl-phenylether	10.37	204	613385	39.26	ng		100
61) 4-Nitroaniline	10.40	138	410068	42.74	ng		94
62) Azobenzene	10.53	77	1743275	42.66	ng		93
64) 4,6-Dinitro-2-methylphenol	10.43	198	270645	45.05	ng	#	38
65) n-Nitrosodiphenylamine	10.49	169	1157726	39.09	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	395649	38.84	ng		93
67) Hexachlorobenzene	10.92	284	428335	40.44	ng	#	85
68) Atrazine	11.01	200	376777	39.56	ng		98
69) Pentachlorophenol	11.12	266	259968	43.62	ng		94
70) Phenanthrene	11.33	178	2059871	41.87	ng		98
71) Anthracene	11.38	178	2031091	38.28	ng		99
72) Carbazole	11.54	167	1830984	39.37	ng		100
73) Di-n-butylphthalate	11.88	149	2363492	43.61	ng		99
74) Fluoranthene	12.52	202	2134068	41.43	ng		97
76) Benzidine	12.64	184	717605	34.93	ng		99
77) Pyrene	12.74	202	2143767	40.67	ng		99
79) Butylbenzylphthalate	13.37	149	904034	43.99	ng		91
80) Benzo(a)anthracene	13.93	228	1579483	40.93	ng		100
81) 3,3'-Dichlorobenzidine	13.89	252	581146	41.94	ng	#	97
82) Chrysene	13.96	228	1624544	40.24	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	1091673	41.41	ng		98
84) Di-n-octyl phthalate	14.55	149	1979086	44.23	ng	#	91
85) Indeno(1,2,3-cd)pyrene	16.71	276	1399693	38.53	ng		98
87) Benzo(b)fluoranthene	14.95	252	1391763m	39.49	ng		
88) Benzo(k)fluoranthene	14.98	252	1454948m	46.95	ng		
89) Benzo(a)pyrene	15.29	252	1322530	41.65	ng		99
90) Dibenzo(a,h)anthracene	16.72	278	1183064	41.59	ng		99
91) Benzo(g,h,i)perylene	17.12	276	1230424	42.51	ng		98

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

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