Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121316\
Data File : BF091546.D
Acq On : 13 Dec 2016 11:42
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/14/2016 6:22:38 PM

Quant Time: Dec 14 00:27:33 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	6.82	152	310043	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1241058	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	626051	20.00	ng		-0.01
63) Phenanthrene-d10	11.33	188	1001335	20.00	ng		0.00
75) Chrysene-d12	13.96	240	640391	20.00	ng		0.00
86) Perylene-d12	15.38	264	649182	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1373832	74.65	ng		0.00
7) Phenol-d6	6.45	99	1730613	75.43	ng		0.00
23) Nitrobenzene-d5	7.38	82	1534557	69.01	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	391028	75.20	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	2601081	71.79	ng		-0.01
78) Terphenyl-d14	12.92	244	2311759	81.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	364980	37.58	ng	#	84
3) Pyridine	3.08	79	1047727	40.49	ng	#	83
4) n-Nitrosodimethylamine	3.04	42	414359	37.27	ng	#	64
6) Aniline	6.48	93	1132897	37.66	ng	#	84
8) 2-Chlorophenol	6.60	128	819860	39.47	ng		98
9) Benzaldehyde	6.36	77	549960m	34.83	ng		
10) Phenol	6.48	94	883982	32.95	ng	#	52
11) bis(2-Chloroethyl)ether	6.56	93	815061	40.45	ng	#	84
12) 1,3-Dichlorobenzene	6.75	146	820346m	36.42	ng		
13) 1,4-Dichlorobenzene	6.83	146	845191	38.04	ng		96
14) 1,2-Dichlorobenzene	6.99	146	794308	39.67	ng		93
15) Benzyl Alcohol	6.96	79	658007	36.33	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1223302	39.17	ng		85
17) 2-Methylphenol	7.08	107	676048	39.33	ng	#	76
18) Hexachloroethane	7.33	117	327798	37.80	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	546718	38.11	ng	#	84
20) 3+4-Methylphenols	7.23	107	741611	39.58	ng	#	51
22) Acetophenone	7.23	105	1144905	38.50	ng	#	96
24) Nitrobenzene	7.40	77	964879	41.07	ng	#	83
25) Isophorone	7.64	82	1500066	37.95	ng		99
26) 2-Nitrophenol	7.72	139	424003	40.89	ng	#	64
27) 2,4-Dimethylphenol	7.77	122	721827	39.63	ng		91
28) bis(2-Chloroethoxy)methane	7.86	93	912858	39.37	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	626652	39.55	ng		100
30) 1,2,4-Trichlorobenzene	8.04	180	644806	35.81	ng		99
31) Naphthalene	8.12	128	2136556	37.00	ng		99
32) Benzoic acid	7.88	122	446212	35.56	ng		94
33) 4-Chloroaniline	8.18	127	968995	38.95	ng	#	90
34) Hexachlorobutadiene	8.25	225	395508	38.31	ng		98
35) Caprolactam	8.54	113	181767	39.28	ng	#	61
36) 4-Chloro-3-methylphenol	8.66	107	655376	36.88	ng		97
37) 2-Methylnaphthalene	8.82	142	1404420	37.58	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	614082	35.76	ng		99
40) Hexachlorocyclopentadiene	8.97	237	272643	35.61	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	427842	38.78	ng		97
43) 2,4,5-Trichlorophenol	9.14	196	440348	38.84	ng		96
45) 1,1'-Biphenyl	9.28	154	1603633	35.36	ng		98
46) 2-Chloronaphthalene	9.30	162	1237474	35.24	ng		98
47) 2-Nitroaniline	9.40	65	460647	39.01	ng	#	77
48) Acenaphthylene	9.71	152	1953630	36.50	ng		98
49) Dimethylphthalate	9.58	163	1608119	40.57	ng		99
50) 2,6-Dinitrotoluene	9.64	165	372693	42.84	ng	#	74
51) Acenaphthene	9.88	154	1309770	35.23	ng		97
52) 3-Nitroaniline	9.81	138	432942	42.36	ng	#	76
53) 2,4-Dinitrophenol	9.90	184	125797	33.83	ng	#	74
54) Dibenzofuran	10.05	168	1676299	36.44	ng		99
55) 4-Nitrophenol	9.97	139	272965	35.90	ng		90
56) 2,4-Dinitrotoluene	10.04	165	486565	44.61	ng	#	88
57) Fluorene	10.40	166	1229903	36.48	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.18	232	365559	41.18	ng		96
59) Diethylphthalate	10.28	149	1534948	40.21	ng		95
60) 4-Chlorophenyl-phenylether	10.40	204	628626	38.01	ng	#	89
61) 4-Nitroaniline	10.42	138	389342	38.33	ng		92
62) Azobenzene	10.56	77	1725028	39.88	ng		92
64) 4,6-Dinitro-2-methylphenol	10.44	198	193911	32.88	ng	#	85
65) n-Nitrosodiphenylamine	10.51	169	1088331	36.46	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	406881	39.63	ng	#	75
67) Hexachlorobenzene	10.94	284	392069	36.73	ng	#	77
68) Atrazine	11.04	200	356800	37.17	ng		99
69) Pentachlorophenol	11.14	266	225952	37.61	ng		93
70) Phenanthrene	11.36	178	1901967	38.36	ng		99
71) Anthracene	11.41	178	2090863	39.09	ng		99
72) Carbazole	11.56	167	1627117	34.71	ng		100
73) Di-n-butylphthalate	11.91	149	2277957	41.70	ng		99
74) Fluoranthene	12.55	202	2043169	39.35	ng		99
76) Benzidine	12.66	184	777556	39.27	ng		99
77) Pyrene	12.77	202	2059181	40.53	ng		99
79) Butylbenzylphthalate	13.39	149	841299	42.48	ng		91
80) Benzo(a)anthracene	13.95	228	1480120	39.80	ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	527390	39.49	ng	#	95
82) Chrysene	14.00	228	1511201	38.84	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	1068356	42.05	ng		99
84) Di-n-octyl phthalate	14.57	149	1895877	43.96	ng	#	90
85) Indeno(1,2,3-cd)pyrene	16.74	276	1490127	42.56	ng		99
87) Benzo(b)fluoranthene	14.98	252	1595104m	41.22	ng		
88) Benzo(k)fluoranthene	15.00	252	1136016m	33.39	ng		
89) Benzo(a)pyrene	15.32	252	1357114	38.93	ng	#	95
90) Dibenzo(a,h)anthracene	16.76	278	1250804	40.05	ng		98
91) Benzo(g,h,i)perylene	17.16	276	1311442	41.26	ng		97

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

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