Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121416\
Data File : BF091612.D
Acq On : 15 Dec 2016 6:14
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
12/15/2016 5:41:42 PM

Quant Time: Dec 15 07:04:24 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	6.80	152	316308	20.00	ng		-0.02
21) Naphthalene-d8	8.09	136	1249996	20.00	ng		-0.01
38) Acenaphthene-d10	9.84	164	592819	20.00	ng		-0.02
63) Phenanthrene-d10	11.32	188	817422	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	561289	20.00	ng		-0.01
86) Perylene-d12	15.37	264	530632	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	1497638	79.77	ng		-0.02
7) Phenol-d6	6.44	99	1842032	78.70	ng		-0.01
23) Nitrobenzene-d5	7.37	82	1779058	79.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.62	330	308878	62.73	ng		-0.01
44) 2-Fluorobiphenyl	9.16	172	2445718	71.29	ng		-0.02
78) Terphenyl-d14	12.90	244	1848762	74.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	395567	39.92	ng	#	83
3) Pyridine	3.04	79	1035743	39.23	ng	#	79
4) n-Nitrosodimethylamine	2.99	42	449345	39.61	ng	#	60
6) Aniline	6.45	93	1209668	39.42	ng	#	74
8) 2-Chlorophenol	6.58	128	814566	38.44	ng		90
9) Benzaldehyde	6.34	77	613633	38.10	ng		87
10) Phenol	6.45	94	1069124	39.07	ng		83
11) bis(2-Chloroethyl)ether	6.53	93	804557	39.14	ng		90
12) 1,3-Dichlorobenzene	6.74	146	959397	41.75	ng		98
13) 1,4-Dichlorobenzene	6.82	146	943697	41.63	ng		97
14) 1,2-Dichlorobenzene	6.97	146	826839	40.48	ng		98
15) Benzyl Alcohol	6.94	79	751797	40.68	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	1304091	40.93	ng		80
17) 2-Methylphenol	7.06	107	675077	38.50	ng	#	76
18) Hexachloroethane	7.31	117	285770	32.30	ng		88
19) n-Nitroso-di-n-propylamine	7.22	70	571907	39.07	ng	#	81
20) 3+4-Methylphenols	7.22	107	797717	41.91	ng		85
22) Acetophenone	7.21	105	1161230	38.77	ng	#	95
24) Nitrobenzene	7.38	77	877901	37.10	ng		94
25) Isophorone	7.62	82	1620087	40.69	ng		97
26) 2-Nitrophenol	7.70	139	294361	28.19	ng	#	80
27) 2,4-Dimethylphenol	7.74	122	709324	38.67	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	916931	39.26	ng		99
29) 2,4-Dichlorophenol	7.95	162	616128	38.61	ng		93
30) 1,2,4-Trichlorobenzene	8.03	180	752799	41.50	ng		97
31) Naphthalene	8.11	128	2436066	41.89	ng		100
32) Benzoic acid	7.84	122	260812m	22.69	ng		
33) 4-Chloroaniline	8.16	127	989140	39.48	ng		99
34) Hexachlorobutadiene	8.22	225	389648	37.47	ng		98
35) Caprolactam	8.53	113	199396	42.78	ng	#	55
36) 4-Chloro-3-methylphenol	8.65	107	697062	38.94	ng		93
37) 2-Methylnaphthalene	8.80	142	1415673	37.61	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	689070	42.38	ng		99
40) Hexachlorocyclopentadiene	8.96	237	83580	11.53	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	392461m	37.57	ng		
43) 2,4,5-Trichlorophenol	9.12	196	368238m	34.30	ng		
45) 1,1'-Biphenyl	9.26	154	1869124	43.53	ng		96
46) 2-Chloronaphthalene	9.29	162	1368557	41.16	ng		98
47) 2-Nitroaniline	9.38	65	423943	37.92	ng	#	86
48) Acenaphthylene	9.70	152	2048831	40.42	ng		99
49) Dimethylphthalate	9.56	163	1567794	41.77	ng		98
50) 2,6-Dinitrotoluene	9.63	165	308937	37.50	ng	#	58
51) Acenaphthene	9.87	154	1215338	34.52	ng		97
52) 3-Nitroaniline	9.79	138	402272	41.57	ng		93
53) 2,4-Dinitrophenol	9.89	184	16073	7.28	ng		91
54) Dibenzofuran	10.04	168	1725783	39.62	ng		99
55) 4-Nitrophenol	9.96	139	176256	24.48	ng	#	67
56) 2,4-Dinitrotoluene	10.03	165	361532	35.01	ng		97
57) Fluorene	10.38	166	1325760	42.30	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	264534	31.47	ng		98
59) Diethylphthalate	10.26	149	1507736	41.71	ng		98
60) 4-Chlorophenyl-phenylether	10.37	204	583168	37.24	ng	#	74
61) 4-Nitroaniline	10.41	138	456906	47.51	ng		94
62) Azobenzene	10.53	77	1564122	38.19	ng		88
64) 4,6-Dinitro-2-methylphenol	10.43	198	33445	9.27	ng	#	68
65) n-Nitrosodiphenylamine	10.50	169	1219411	50.04	ng		100
66) 4-Bromophenyl-phenylether	10.86	248	379444	45.28	ng		99
67) Hexachlorobenzene	10.93	284	394778	45.30	ng	#	90
68) Atrazine	11.02	200	286590	36.57	ng		99
69) Pentachlorophenol	11.13	266	134669	27.46	ng		97
70) Phenanthrene	11.34	178	1856260	45.86	ng		100
71) Anthracene	11.39	178	1671401	38.28	ng		99
72) Carbazole	11.55	167	1610056	42.07	ng		99
73) Di-n-butylphthalate	11.89	149	2164369	48.54	ng	#	98
74) Fluoranthene	12.52	202	1623203	38.30	ng		94
76) Benzidine	12.65	184	612208	35.28	ng		99
77) Pyrene	12.75	202	1635632	36.73	ng		99
79) Butylbenzylphthalate	13.38	149	770865	44.41	ng		94
80) Benzo(a)anthracene	13.94	228	1334639	40.94	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	506279	43.25	ng	#	96
82) Chrysene	13.97	228	1343562	39.40	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	972482	43.67	ng		99
84) Di-n-octyl phthalate	14.56	149	1876271	49.63	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.73	276	1130334	36.83	ng		98
87) Benzo(b)fluoranthene	14.97	252	1522925m	48.14	ng		
88) Benzo(k)fluoranthene	14.99	252	1057740m	38.03	ng		
89) Benzo(a)pyrene	15.31	252	1212414	42.55	ng	#	94
90) Dibenzo(a,h)anthracene	16.75	278	971015	38.04	ng	#	96
91) Benzo(g,h,i)perylene	17.14	276	935761	36.02	ng		96

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

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