Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
Data File : BF089687.D
Acq On : 9 Aug 2016 7:37
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
sohil
8/9/2016 6:19:03 PM

Quant Time: Aug 09 08:08:43 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	56127	20.00	ng		-0.02
21) Naphthalene-d8	9.45	136	246414	20.00	ng		-0.02
38) Acenaphthene-d10	12.27	164	109243	20.00	ng		-0.02
63) Phenanthrene-d10	14.66	188	183675	20.00	ng		-0.03
75) Chrysene-d12	18.37	240	118786	20.00	ng		-0.02
86) Perylene-d12	20.02	264	118672	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	273464	81.66	ng		-0.01
7) Phenol-d6	6.97	99	368076	81.02	ng		-0.01
23) Nitrobenzene-d5	8.34	82	330503	74.19	ng		-0.02
41) 2,4,6-Tribromophenol	13.57	330	65912	73.11	ng		-0.02
44) 2-Fluorobiphenyl	11.23	172	613161	72.95	ng		-0.02
78) Terphenyl-d14	17.03	244	360414	59.90	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	61554	32.06	ng		98
3) Pyridine	2.27	79	142539	40.41	ng		98
4) n-Nitrosodimethylamine	2.25	42	58176	39.03	ng		98
6) Aniline	6.91	93	214696	36.47	ng		99
8) 2-Chlorophenol	7.10	128	160830	39.12	ng		95
9) Benzaldehyde	6.73	77	90835	55.11	ng		99
10) Phenol	6.99	94	189689	40.67	ng		96
11) bis(2-Chloroethyl)ether	7.07	93	154202	38.48	ng		98
12) 1,3-Dichlorobenzene	7.32	146	165825	37.14	ng		99
13) 1,4-Dichlorobenzene	7.45	146	167745	37.67	ng		100
14) 1,2-Dichlorobenzene	7.68	146	165186	35.19	ng		99
15) Benzyl Alcohol	7.71	79	120401	40.42	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.92	45	195817	38.38	ng	#	53
17) 2-Methylphenol	7.93	107	122164	41.14	ng		95
18) Hexachloroethane	8.20	117	65671	34.99	ng		100
19) n-Nitroso-di-n-propylamine	8.16	70	125326	38.19	ng		98
20) 3+4-Methylphenols	8.19	107	154124	41.12	ng		98
22) Acetophenone	8.11	105	220373	37.51	ng		98
24) Nitrobenzene	8.38	77	179157	42.34	ng		90
25) Isophorone	8.76	82	326437	38.27	ng		99
26) 2-Nitrophenol	8.88	139	79763	41.07	ng		88
27) 2,4-Dimethylphenol	9.02	122	135349	38.77	ng		98
28) bis(2-Chloroethoxy)methane	9.15	93	189405	36.70	ng		99
29) 2,4-Dichlorophenol	9.29	162	120115	36.36	ng		97
30) 1,2,4-Trichlorobenzene	9.38	180	138373	36.68	ng		97
31) Naphthalene	9.48	128	466240	35.60	ng		99
32) Benzoic acid	9.35	122	63029	28.73	ng		99
33) 4-Chloroaniline	9.63	127	172606	35.09	ng		96
34) Hexachlorobutadiene	9.71	225	76206	35.08	ng		98
35) Caprolactam	10.27	113	34256	35.58	ng		96
36) 4-Chloro-3-methylphenol	10.49	107	142889	37.21	ng		99
37) 2-Methylnaphthalene	10.62	142	294767	36.60	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.89	216	157709	38.41	ng		100
40) Hexachlorocyclopentadiene	10.87	237	25884	25.20	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.11	196	83095	41.03	ng		97
43) 2,4,5-Trichlorophenol	11.19	196	83045	38.37	ng		97
45) 1,1'-Biphenyl	11.38	154	363416	36.89	ng		99
46) 2-Chloronaphthalene	11.39	162	272755	36.93	ng		99
47) 2-Nitroaniline	11.61	65	86301	36.25	ng	#	83
48) Acenaphthylene	12.05	152	443726	36.47	ng		100
49) Dimethylphthalate	11.94	163	339809	39.69	ng		99
50) 2,6-Dinitrotoluene	12.02	165	69361	40.74	ng	#	81
51) Acenaphthene	12.33	154	256443	36.49	ng		99
52) 3-Nitroaniline	12.29	138	68838	33.81	ng		94
53) 2,4-Dinitrophenol	12.55	184	3149	10.61	ng	#	78
54) Dibenzofuran	12.62	168	357236	36.98	ng		99
55) 4-Nitrophenol	12.69	139	27076m	24.39	ng		
56) 2,4-Dinitrotoluene	12.69	165	91160	38.07	ng	#	85
57) Fluorene	13.17	166	295817	35.82	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.85	232	57481	34.98	ng		97
59) Diethylphthalate	13.09	149	351082	39.65	ng		100
60) 4-Chlorophenyl-phenylether	13.20	204	144141	38.06	ng		97
61) 4-Nitroaniline	13.29	138	57925	31.64	ng		98
62) Azobenzene	13.45	77	323255	37.74	ng		93
64) 4,6-Dinitro-2-methylphenol	13.35	198	13445	15.98	ng		94
65) n-Nitrosodiphenylamine	13.42	169	253557	40.87	ng		99
66) 4-Bromophenyl-phenylether	13.99	248	76505	43.06	ng		95
67) Hexachlorobenzene	14.05	284	72913	37.31	ng		98
68) Atrazine	14.33	200	73759	42.58	ng		99
69) Pentachlorophenol	14.40	266	23555	30.83	ng		98
70) Phenanthrene	14.71	178	372914	37.34	ng		99
71) Anthracene	14.79	178	389762	36.40	ng		99
72) Carbazole	15.09	167	309852	34.72	ng		100
73) Di-n-butylphthalate	15.68	149	510666	42.31	ng		100
74) Fluoranthene	16.47	202	322262	31.39	ng		100
76) Benzidine	16.72	184	24877m	6.91	ng		
77) Pyrene	16.77	202	318407	30.32	ng		98
79) Butylbenzylphthalate	17.70	149	164742	36.86	ng		99
80) Benzo(a)anthracene	18.35	228	250735	36.74	ng		99
81) 3,3'-Dichlorobenzidine	18.34	252	84670	39.38	ng		99
82) Chrysene	18.40	228	263723	36.83	ng		99
83) Bis(2-ethylhexyl)phthalate	18.45	149	232386	37.56	ng		100
84) Di-n-octyl phthalate	19.22	149	392691	44.10	ng		99
85) Indeno(1,2,3-cd)pyrene	21.20	276	229556	42.22	ng		99
87) Benzo(b)fluoranthene	19.62	252	253330	34.71	ng		98
88) Benzo(k)fluoranthene	19.66	252	279293m	37.93	ng		
89) Benzo(a)pyrene	19.97	252	250625	36.68	ng	#	96
90) Dibenzo(a,h)anthracene	21.21	278	196334	30.76	ng		98
91) Benzo(g,h,i)perylene	21.53	276	177752	27.20	ng		98

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

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