Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071616\
Data File : BF089047.D
Acq On : 16 Jul 2016 11:07
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
sohil
7/18/2016 7:36:37 PM

Quant Time: Jul 18 17:11:01 2016
Quant Method : Y:\HPCHEM1\BNA F\Methods\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	56034	20.00	ng		-0.05
21) Naphthalene-d8	7.95	136	232917	20.00	ng		-0.05
38) Acenaphthene-d10	9.70	164	104156	20.00	ng		-0.05
63) Phenanthrene-d10	11.18	188	199548	20.00	ng		-0.05
75) Chrysene-d12	13.81	240	139030	20.00	ng		-0.05
86) Perylene-d12	15.18	264	116806	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	301186	80.56	ng		-0.03
7) Phenol-d6	6.32	99	360473	74.62	ng		-0.03
23) Nitrobenzene-d5	7.23	82	323436	72.77	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	69767	72.13	ng		-0.05
44) 2-Fluorobiphenyl	9.04	172	618839	93.85	ng		-0.03
78) Terphenyl-d14	12.77	244	494684	79.25	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.15	88	64708	34.91	ng	#	31
3) Pyridine	2.79	79	176871	32.88	ng		95
4) n-Nitrosodimethylamine	2.75	42	73425	35.73	ng		99
6) Aniline	6.32	93	245162	34.82	ng	#	60
8) 2-Chlorophenol	6.46	128	159548	39.70	ng		84
9) Benzaldehyde	6.20	77	109752	33.54	ng		89
10) Phenol	6.33	94	197710	35.86	ng	#	52
11) bis(2-Chloroethyl)ether	6.41	93	162073	39.42	ng		84
12) 1,3-Dichlorobenzene	6.60	146	189026	42.75	ng		98
13) 1,4-Dichlorobenzene	6.68	146	183401	41.79	ng		99
14) 1,2-Dichlorobenzene	6.83	146	159639m	38.86	ng		
15) Benzyl Alcohol	6.81	79	137812	38.76	ng		90
16) 2,2'-oxybis(1-Chloropropan	6.95	45	189997	31.91	ng	#	45
17) 2-Methylphenol	6.94	107	119985	36.60	ng	#	93
18) Hexachloroethane	7.18	117	70496	41.52	ng		89
19) n-Nitroso-di-n-propylamine	7.10	70	121791	37.53	ng	#	86
20) 3+4-Methylphenols	7.10	107	160264	40.73	ng	#	79
22) Acetophenone	7.08	105	244080	43.18	ng	#	93
24) Nitrobenzene	7.26	77	195994	43.74	ng		90
25) Isophorone	7.50	82	295630	35.91	ng		95
26) 2-Nitrophenol	7.56	139	80558	43.84	ng	#	88
27) 2,4-Dimethylphenol	7.62	122	143838	37.58	ng		88
28) bis(2-Chloroethoxy)methane	7.71	93	207305	38.69	ng	#	95
29) 2,4-Dichlorophenol	7.82	162	124760	40.33	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	144509	42.57	ng		99
31) Naphthalene	7.98	128	499259	43.48	ng		99
32) Benzoic acid	7.77	122	111394	40.09	ng		91
33) 4-Chloroaniline	8.03	127	205852	40.29	ng	#	93
34) Hexachlorobutadiene	8.09	225	74169	40.81	ng		97
35) Caprolactam	8.41	113	36153	34.41	ng		94
36) 4-Chloro-3-methylphenol	8.52	107	163662	44.74	ng		94
37) 2-Methylnaphthalene	8.66	142	288403	39.01	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.83	216	167962	48.48	ng	#	1
40) Hexachlorocyclopentadiene	8.82	237	63953	37.61	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	87289	38.22	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	90453	46.03	ng	#	92
45) 1,1'-Biphenyl	9.13	154	357868	41.49	ng		98
46) 2-Chloronaphthalene	9.15	162	298043	44.02	ng		99
47) 2-Nitroaniline	9.26	65	111609	46.45	ng		90
48) Acenaphthylene	9.56	152	448858	41.66	ng		99
49) Dimethylphthalate	9.44	163	292107	39.37	ng		99
50) 2,6-Dinitrotoluene	9.50	165	64712	39.35	ng	#	36
51) Acenaphthene	9.74	154	275505	41.72	ng		99
52) 3-Nitroaniline	9.67	138	87847	42.02	ng		95
53) 2,4-Dinitrophenol	9.77	184	31998	44.06	ng	#	70
54) Dibenzofuran	9.91	168	343844	39.78	ng	#	86
55) 4-Nitrophenol	9.85	139	64353	40.51	ng	#	75
56) 2,4-Dinitrotoluene	9.91	165	100064	46.54	ng	#	73
57) Fluorene	10.25	166	294697	44.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	64759	42.59	ng	#	48
59) Diethylphthalate	10.14	149	312655	41.98	ng		97
60) 4-Chlorophenyl-phenylether	10.25	204	146894	47.46	ng		93
61) 4-Nitroaniline	10.28	138	93142	46.30	ng		88
62) Azobenzene	10.41	77	348382	41.01	ng		93
64) 4,6-Dinitro-2-methylphenol	10.31	198	49342	46.23	ng	#	74
65) n-Nitrosodiphenylamine	10.36	169	258865	38.33	ng		100
66) 4-Bromophenyl-phenylether	10.73	248	73433	36.52	ng	#	66
67) Hexachlorobenzene	10.80	284	86146	38.70	ng		95
68) Atrazine	10.90	200	79129	37.60	ng		93
69) Pentachlorophenol	10.99	266	42025	31.90	ng		97
70) Phenanthrene	11.21	178	487522	44.69	ng		99
71) Anthracene	11.26	178	418236	38.56	ng		99
72) Carbazole	11.42	167	408018	39.97	ng		99
73) Di-n-butylphthalate	11.76	149	538776	45.37	ng		99
74) Fluoranthene	12.39	202	474239	42.89	ng		98
76) Benzidine	12.53	184	377228	53.68	ng		98
77) Pyrene	12.62	202	507573	43.06	ng		99
79) Butylbenzylphthalate	13.25	149	206560	39.28	ng	#	83
80) Benzo(a)anthracene	13.79	228	359779	40.19	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	139549	41.46	ng	#	98
82) Chrysene	13.84	228	368664	41.62	ng		98
83) Bis(2-ethylhexyl)phthalate	13.81	149	251438	41.88	ng	#	96
84) Di-n-octyl phthalate	14.42	149	403434	39.56	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.46	276	255002	37.42	ng	#	100
87) Benzo(b)fluoranthene	14.80	252	291271m	39.75	ng		
88) Benzo(k)fluoranthene	14.83	252	281526m	44.13	ng		
89) Benzo(a)pyrene	15.12	252	257994	41.59	ng		97
90) Dibenzo(a,h)anthracene	16.47	278	219231	42.32	ng		97
91) Benzo(g,h,i)perylene	16.85	276	221268	41.28	ng		95

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

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