Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF073016\
Data File : BF089415.D
Acq On : 29 Jul 2016 18:02
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
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8/1/2016 6:59:18 PM

Quant Time: Jul 29 23:38:04 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.51	152	49005	20.00	ng		-0.03
21) Naphthalene-d8	7.80	136	204869	20.00	ng		-0.02
38) Acenaphthene-d10	9.54	164	92093	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	179443	20.00	ng		-0.03
75) Chrysene-d12	13.63	240	118138	20.00	ng		-0.03
86) Perylene-d12	14.97	264	88970	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	241513	78.69	ng		-0.02
7) Phenol-d6	6.18	99	311313	76.75	ng		-0.02
23) Nitrobenzene-d5	7.10	82	297315	85.66	ng		-0.02
41) 2,4,6-Tribromophenol	10.33	330	62323	81.71	ng		-0.03
44) 2-Fluorobiphenyl	8.88	172	528880	84.28	ng		-0.03
78) Terphenyl-d14	12.61	244	459368	91.01	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.92	88	54713	39.28	ng		98
3) Pyridine	2.51	79	139792	46.55	ng		98
4) n-Nitrosodimethylamine	2.49	42	47540	39.99	ng		97
6) Aniline	6.18	93	204447	46.68	ng		95
8) 2-Chlorophenol	6.30	128	138555	39.91	ng		84
9) Benzaldehyde	6.06	77	65355	33.00	ng		94
10) Phenol	6.19	94	188907	42.21	ng		91
11) bis(2-Chloroethyl)ether	6.26	93	139742	36.75	ng		91
12) 1,3-Dichlorobenzene	6.46	146	146343m	40.30	ng		
13) 1,4-Dichlorobenzene	6.54	146	157542	39.31	ng		95
14) 1,2-Dichlorobenzene	6.68	146	152728	40.68	ng		94
15) Benzyl Alcohol	6.67	79	108426	43.08	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.81	45	156476	37.72	ng		94
17) 2-Methylphenol	6.80	107	97443	36.32	ng		98
18) Hexachloroethane	7.03	117	62816	40.88	ng	#	87
19) n-Nitroso-di-n-propylamine	6.95	70	98199	40.15	ng	#	87
20) 3+4-Methylphenols	6.96	107	136750	39.69	ng		91
22) Acetophenone	6.95	105	208632	42.78	ng	#	96
24) Nitrobenzene	7.12	77	140836	35.65	ng		95
25) Isophorone	7.36	82	268374	38.38	ng		98
26) 2-Nitrophenol	7.43	139	72615	41.12	ng	#	87
27) 2,4-Dimethylphenol	7.48	122	118799	42.22	ng		99
28) bis(2-Chloroethoxy)methane	7.58	93	177866	45.96	ng		98
29) 2,4-Dichlorophenol	7.68	162	111598	43.53	ng		97
30) 1,2,4-Trichlorobenzene	7.75	180	121108	41.40	ng	#	95
31) Naphthalene	7.83	128	425100	41.90	ng		100
32) Benzoic acid	7.64	122	85620	43.67	ng		90
33) 4-Chloroaniline	7.90	127	170970	44.27	ng		98
34) Hexachlorobutadiene	7.95	225	68180	40.70	ng		97
35) Caprolactam	8.27	113	32868	42.48	ng		96
36) 4-Chloro-3-methylphenol	8.39	107	136281	44.73	ng		99
37) 2-Methylnaphthalene	8.51	142	248116	40.59	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	142530	44.23	ng		99
40) Hexachlorocyclopentadiene	8.67	237	34857	42.63	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	71317	46.54	ng		99
43) 2,4,5-Trichlorophenol	8.84	196	79156	40.78	ng	#	88
45) 1,1'-Biphenyl	8.98	154	345147	44.02	ng		97
46) 2-Chloronaphthalene	9.00	162	264043	44.84	ng		94
47) 2-Nitroaniline	9.11	65	82576	47.35	ng	#	78
48) Acenaphthylene	9.40	152	381417	41.12	ng		99
49) Dimethylphthalate	9.29	163	266830	38.07	ng		98
50) 2,6-Dinitrotoluene	9.36	165	59030	40.99	ng	#	80
51) Acenaphthene	9.58	154	219945	40.61	ng		100
52) 3-Nitroaniline	9.52	138	74203	48.83	ng	#	75
53) 2,4-Dinitrophenol	9.64	184	20110	41.64	ng		91
54) Dibenzofuran	9.75	168	308447	41.79	ng		95
55) 4-Nitrophenol	9.71	139	30311m	43.97	ng		
56) 2,4-Dinitrotoluene	9.76	165	82227	43.37	ng	#	75
57) Fluorene	10.09	166	259211	40.23	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.88	232	52068	40.18	ng	#	89
59) Diethylphthalate	9.99	149	303086	42.65	ng		97
60) 4-Chlorophenyl-phenylether	10.09	204	123328	41.73	ng	#	84
61) 4-Nitroaniline	10.14	138	70774	45.18	ng		93
62) Azobenzene	10.25	77	312514	42.71	ng		91
64) 4,6-Dinitro-2-methylphenol	10.17	198	39724	37.70	ng		85
65) n-Nitrosodiphenylamine	10.22	169	252916	45.17	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	70092	40.91	ng	#	73
67) Hexachlorobenzene	10.64	284	77543	44.17	ng	#	77
68) Atrazine	10.74	200	65987	38.36	ng		95
69) Pentachlorophenol	10.83	266	33234	42.17	ng		99
70) Phenanthrene	11.04	178	359398	38.83	ng		100
71) Anthracene	11.10	178	418961	40.72	ng		99
72) Carbazole	11.26	167	363456	41.96	ng		98
73) Di-n-butylphthalate	11.60	149	473316	40.73	ng		99
74) Fluoranthene	12.22	202	374774	38.50	ng		95
76) Benzidine	12.35	184	151043	34.60	ng		96
77) Pyrene	12.45	202	414032	46.24	ng		100
79) Butylbenzylphthalate	13.07	149	167278	41.09	ng		85
80) Benzo(a)anthracene	13.62	228	266483	39.97	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	98509	41.06	ng	#	98
82) Chrysene	13.67	228	283509	39.95	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	249386	42.38	ng	#	96
84) Di-n-octyl phthalate	14.25	149	381009	41.49	ng		99
85) Indeno(1,2,3-cd)pyrene	16.15	276	192806	38.21	ng		99
87) Benzo(b)fluoranthene	14.62	252	197658m	35.77	ng		
88) Benzo(k)fluoranthene	14.65	252	237209m	46.70	ng		
89) Benzo(a)pyrene	14.91	252	194629	39.27	ng		98
90) Dibenzo(a,h)anthracene	16.16	278	167524	42.91	ng		97
91) Benzo(g,h,i)perylene	16.50	276	168026	43.78	ng		97

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

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