Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080116\
Data File : BF089505.D
Acq On : 1 Aug 2016 12:10
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
8/2/2016 5:05:29 PM

Quant Time: Aug 02 11:06:40 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	6.48	152	47031	20.00	ng		-0.07
21) Naphthalene-d8	7.77	136	203912	20.00	ng		-0.06
38) Acenaphthene-d10	9.52	164	91979	20.00	ng		-0.06
63) Phenanthrene-d10	10.98	188	180184	20.00	ng		-0.07
75) Chrysene-d12	13.61	240	120059	20.00	ng		-0.06
86) Perylene-d12	14.94	264	90256	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.04	112	235932	80.10	ng		-0.07
7) Phenol-d6	6.15	99	292653	75.18	ng		-0.06
23) Nitrobenzene-d5	7.06	82	290206	84.00	ng		-0.06
41) 2,4,6-Tribromophenol	10.31	330	62254	81.72	ng		-0.06
44) 2-Fluorobiphenyl	8.86	172	547354	87.33	ng		-0.06
78) Terphenyl-d14	12.57	244	469665	91.56	ng		-0.06
Target Compounds							Qvalue
2) 1,4-Dioxane	1.85	88	51414m	38.38	ng		
3) Pyridine	2.44	79	128997	44.76	ng		97
4) n-Nitrosodimethylamine	2.42	42	48465	42.00	ng		99
6) Aniline	6.15	93	204675	48.70	ng	#	84
8) 2-Chlorophenol	6.27	128	131274	39.40	ng		96
9) Benzaldehyde	6.02	77	58689	30.88	ng		95
10) Phenol	6.16	94	173463	40.38	ng		97
11) bis(2-Chloroethyl)ether	6.23	93	135606	37.16	ng		91
12) 1,3-Dichlorobenzene	6.42	146	140253m	40.24	ng		
13) 1,4-Dichlorobenzene	6.50	146	152294	39.60	ng		95
14) 1,2-Dichlorobenzene	6.65	146	143024m	39.70	ng		
15) Benzyl Alcohol	6.65	79	107984	44.70	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	153959	38.68	ng		78
17) 2-Methylphenol	6.78	107	99223	38.53	ng		95
18) Hexachloroethane	6.99	117	58825	39.89	ng	#	84
19) n-Nitroso-di-n-propylamine	6.92	70	107707	45.89	ng		100
20) 3+4-Methylphenols	6.94	107	134548	40.69	ng	#	81
22) Acetophenone	6.91	105	202650	41.74	ng		99
24) Nitrobenzene	7.08	77	141259	35.93	ng		95
25) Isophorone	7.32	82	260481	37.43	ng		99
26) 2-Nitrophenol	7.39	139	69270	39.41	ng	#	79
27) 2,4-Dimethylphenol	7.45	122	109175	38.99	ng		96
28) bis(2-Chloroethoxy)methane	7.54	93	169826	44.09	ng		99
29) 2,4-Dichlorophenol	7.64	162	110250	43.20	ng		97
30) 1,2,4-Trichlorobenzene	7.71	180	115795	39.77	ng		95
31) Naphthalene	7.79	128	421159	41.71	ng		100
32) Benzoic acid	7.62	122	85851	44.00	ng		95
33) 4-Chloroaniline	7.86	127	165622	43.08	ng		98
34) Hexachlorobutadiene	7.92	225	64776	38.85	ng		97
35) Caprolactam	8.25	113	35811	46.50	ng	#	78
36) 4-Chloro-3-methylphenol	8.35	107	123692	40.78	ng		93
37) 2-Methylnaphthalene	8.48	142	239397	39.35	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	130841	40.65	ng		99
40) Hexachlorocyclopentadiene	8.64	237	26447	34.53	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.78	196	68458	44.73	ng		96
43) 2,4,5-Trichlorophenol	8.82	196	72458	37.38	ng		97
45) 1,1'-Biphenyl	8.95	154	317833	40.58	ng		99
46) 2-Chloronaphthalene	8.97	162	255911	43.51	ng		96
47) 2-Nitroaniline	9.07	65	79775	45.80	ng	#	72
48) Acenaphthylene	9.37	152	378553	40.86	ng		99
49) Dimethylphthalate	9.27	163	285359	40.76	ng		100
50) 2,6-Dinitrotoluene	9.32	165	64043	44.53	ng		98
51) Acenaphthene	9.55	154	225743	41.73	ng		99
52) 3-Nitroaniline	9.50	138	72397	47.70	ng		97
53) 2,4-Dinitrophenol	9.61	184	21015	42.95	ng		87
54) Dibenzofuran	9.72	168	307425	41.70	ng		94
55) 4-Nitrophenol	9.68	139	30354m	44.07	ng		
56) 2,4-Dinitrotoluene	9.72	165	77336	40.84	ng		99
57) Fluorene	10.06	166	246518	38.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.85	232	59805	46.21	ng		97
59) Diethylphthalate	9.95	149	266522	37.56	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	115785	39.23	ng	#	79
61) 4-Nitroaniline	10.10	138	68975	44.09	ng		98
62) Azobenzene	10.22	77	309490	42.35	ng		95
64) 4,6-Dinitro-2-methylphenol	10.14	198	43390	40.63	ng		75
65) n-Nitrosodiphenylamine	10.18	169	233965	41.61	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	67962	39.51	ng	#	90
67) Hexachlorobenzene	10.60	284	70095	39.76	ng		93
68) Atrazine	10.72	200	75257	43.57	ng		99
69) Pentachlorophenol	10.81	266	31067	39.68	ng		98
70) Phenanthrene	11.00	178	368013	39.60	ng		99
71) Anthracene	11.06	178	416586	40.32	ng		99
72) Carbazole	11.22	167	344119	39.57	ng		98
73) Di-n-butylphthalate	11.56	149	423164	36.26	ng		100
74) Fluoranthene	12.18	202	389411	39.84	ng		94
76) Benzidine	12.32	184	158355	35.70	ng		96
77) Pyrene	12.41	202	396617	43.59	ng		100
79) Butylbenzylphthalate	13.05	149	192716	46.59	ng		90
80) Benzo(a)anthracene	13.60	228	289472	42.72	ng		99
81) 3,3'-Dichlorobenzidine	13.57	252	99168	40.67	ng	#	94
82) Chrysene	13.63	228	301791	41.85	ng		100
83) Bis(2-ethylhexyl)phthalate	13.61	149	247964	41.46	ng	#	99
84) Di-n-octyl phthalate	14.22	149	383783	41.13	ng		97
85) Indeno(1,2,3-cd)pyrene	16.10	276	195064	38.04	ng		98
87) Benzo(b)fluoranthene	14.59	252	242055m	43.19	ng		
88) Benzo(k)fluoranthene	14.62	252	209540m	40.66	ng		
89) Benzo(a)pyrene	14.89	252	202581	40.29	ng	#	92
90) Dibenzo(a,h)anthracene	16.11	278	168227	42.47	ng	#	95
91) Benzo(g,h,i)perylene	16.45	276	172691	44.35	ng		99

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

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