Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061616\
Data File : BF088072.D
Acq On : 16 Jun 2016 12:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
6/17/2016 7:15:39 PM

Quant Time: Jun 17 11:01:25 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 16 14:54:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	107268	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	439402	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	213578	20.00	ng		0.00
63) Phenanthrene-d10	11.23	188	383301	20.00	ng		0.00
75) Chrysene-d12	13.86	240	253343	20.00	ng		0.00
86) Perylene-d12	15.25	264	225241	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	473179	75.41	ng		0.00
7) Phenol-d6	6.36	99	564356	74.21	ng		0.00
23) Nitrobenzene-d5	7.29	82	520189	69.13	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	155795	69.08	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	887188	63.88	ng		0.00
78) Terphenyl-d14	12.82	244	909604	81.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	128201	42.05	ng	#	45
3) Pyridine	2.89	79	308170	42.81	ng		93
4) n-Nitrosodimethylamine	2.84	42	108139	35.47	ng		82
6) Aniline	6.39	93	387938	35.84	ng		99
8) 2-Chlorophenol	6.50	128	279480	37.63	ng		93
9) Benzaldehyde	6.26	77	153234	28.62	ng		93
10) Phenol	6.38	94	315946	39.96	ng	#	63
11) bis(2-Chloroethyl)ether	6.46	93	250085	37.51	ng		95
12) 1,3-Dichlorobenzene	6.66	146	307919m	38.64	ng		
13) 1,4-Dichlorobenzene	6.74	146	297875	37.11	ng		94
14) 1,2-Dichlorobenzene	6.89	146	290217m	39.75	ng		
15) Benzyl Alcohol	6.87	79	189336	31.83	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	313470	34.80	ng		92
17) 2-Methylphenol	6.99	107	239010	39.68	ng		97
18) Hexachloroethane	7.23	117	112057	39.34	ng		98
19) n-Nitroso-di-n-propylamine	7.15	70	182263	37.47	ng	#	78
20) 3+4-Methylphenols	7.14	107	252474	35.93	ng	#	70
22) Acetophenone	7.14	105	368774	37.56	ng	#	95
24) Nitrobenzene	7.31	77	306989	42.12	ng		99
25) Isophorone	7.55	82	527044	37.81	ng		99
26) 2-Nitrophenol	7.62	139	146467	37.51	ng		96
27) 2,4-Dimethylphenol	7.68	122	258683	35.98	ng		98
28) bis(2-Chloroethoxy)methane	7.77	93	359585	41.60	ng		98
29) 2,4-Dichlorophenol	7.87	162	249965	41.64	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	246366	37.69	ng		98
31) Naphthalene	8.03	128	844890	38.86	ng		99
32) Benzoic acid	7.82	122	136882	34.58	ng		94
33) 4-Chloroaniline	8.08	127	354411	36.50	ng		100
34) Hexachlorobutadiene	8.15	225	121706	35.31	ng		99
35) Caprolactam	8.47	113	74979	37.71	ng		92
36) 4-Chloro-3-methylphenol	8.57	107	228230	35.55	ng		99
37) 2-Methylnaphthalene	8.72	142	508023m	35.45	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	235328	41.12	ng	#	1
40) Hexachlorocyclopentadiene	8.88	237	67162	19.49	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	161533	37.82	ng		98
43) 2,4,5-Trichlorophenol	9.04	196	160848	36.20	ng	#	85
45) 1,1'-Biphenyl	9.19	154	687841	42.57	ng		97
46) 2-Chloronaphthalene	9.21	162	536421	38.81	ng		96
47) 2-Nitroaniline	9.30	65	146449	35.92	ng		97
48) Acenaphthylene	9.62	152	833708	37.92	ng		99
49) Dimethylphthalate	9.50	163	641607	41.47	ng		99
50) 2,6-Dinitrotoluene	9.55	165	142955	40.35	ng	#	80
51) Acenaphthene	9.79	154	469488	34.23	ng		98
52) 3-Nitroaniline	9.72	138	174752	42.74	ng	#	77
53) 2,4-Dinitrophenol	9.83	184	56566	35.06	ng		92
54) Dibenzofuran	9.96	168	709358	37.56	ng		93
55) 4-Nitrophenol	9.88	139	96743	30.49	ng		96
56) 2,4-Dinitrotoluene	9.95	165	155714	34.20	ng	#	63
57) Fluorene	10.31	166	556553	43.44	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	124911	35.77	ng	#	54
59) Diethylphthalate	10.19	149	614371	39.23	ng		96
60) 4-Chlorophenyl-phenylether	10.30	204	206868	32.94	ng		94
61) 4-Nitroaniline	10.33	138	149641	38.59	ng		98
62) Azobenzene	10.46	77	571297	36.89	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	95085m	40.11	ng		
65) n-Nitrosodiphenylamine	10.42	169	515433	40.53	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	164096	39.91	ng		98
67) Hexachlorobenzene	10.84	284	159395	37.31	ng		91
68) Atrazine	10.95	200	139951	36.34	ng		91
69) Pentachlorophenol	11.05	266	82204	36.50	ng		97
70) Phenanthrene	11.26	178	760773	37.82	ng		100
71) Anthracene	11.31	178	799320	39.40	ng		100
72) Carbazole	11.47	167	819112	43.14	ng		99
73) Di-n-butylphthalate	11.80	149	876688	36.48	ng		100
74) Fluoranthene	12.44	202	828554	39.03	ng		98
76) Benzidine	12.57	184	325174	46.36	ng		98
77) Pyrene	12.67	202	839494	44.65	ng		100
79) Butylbenzylphthalate	13.29	149	375769	45.21	ng	#	83
80) Benzo(a)anthracene	13.85	228	575994	39.90	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	181350	46.71	ng	#	97
82) Chrysene	13.90	228	647775	47.69	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	459172	45.38	ng	#	97
84) Di-n-octyl phthalate	14.47	149	857904	52.18	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.57	276	483937	38.35	ng	#	100
87) Benzo(b)fluoranthene	14.87	252	594038m	37.84	ng		
88) Benzo(k)fluoranthene	14.89	252	459068m	38.76	ng		
89) Benzo(a)pyrene	15.20	252	501453	39.48	ng	#	94
90) Dibenzo(a,h)anthracene	16.58	278	404086	34.25	ng		97
91) Benzo(g,h,i)perylene	16.96	276	421565	34.74	ng		99

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

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