Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088588.D
Acq On : 1 Jul 2016 22:11
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
sohil
7/5/2016 7:31:17 PM

Quant Time: Jul 02 03:32:27 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	121076	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	462395	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	191340	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	318965	20.00	ng		0.00
75) Chrysene-d12	13.95	240	214874	20.00	ng		0.00
86) Perylene-d12	15.35	264	200649	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	564940	69.93	ng		-0.01
7) Phenol-d6	6.44	99	762248	73.02	ng		0.00
23) Nitrobenzene-d5	7.37	82	703622	79.74	ng		-0.01
41) 2,4,6-Tribromophenol	10.63	330	121187	68.21	ng		-0.01
44) 2-Fluorobiphenyl	9.18	172	1102793	91.04	ng		0.00
78) Terphenyl-d14	12.90	244	655705	67.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	144154	35.99	ng	#	35
3) Pyridine	3.06	79	419170	36.07	ng		93
4) n-Nitrosodimethylamine	3.02	42	156554	35.26	ng		87
6) Aniline	6.47	93	523772	34.43	ng		95
8) 2-Chlorophenol	6.59	128	330883	38.11	ng		95
9) Benzaldehyde	6.35	77	259258	36.67	ng		87
10) Phenol	6.46	94	444979	37.35	ng		80
11) bis(2-Chloroethyl)ether	6.55	93	322505	36.30	ng		91
12) 1,3-Dichlorobenzene	6.75	146	363224	38.02	ng		96
13) 1,4-Dichlorobenzene	6.83	146	352561	37.18	ng		95
14) 1,2-Dichlorobenzene	6.98	146	334674m	37.70	ng		
15) Benzyl Alcohol	6.95	79	256266	33.36	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.10	45	442300	34.38	ng		92
17) 2-Methylphenol	7.07	107	261371	36.90	ng		97
18) Hexachloroethane	7.32	117	116902	31.87	ng	#	87
19) n-Nitroso-di-n-propylamine	7.23	70	261632	37.31	ng		89
20) 3+4-Methylphenols	7.22	107	285838	33.62	ng	#	73
22) Acetophenone	7.22	105	411816	36.69	ng	#	85
24) Nitrobenzene	7.39	77	341753	38.41	ng	#	82
25) Isophorone	7.63	82	607933	37.20	ng		94
26) 2-Nitrophenol	7.71	139	147675	40.48	ng	#	84
27) 2,4-Dimethylphenol	7.75	122	286937	37.76	ng		89
28) bis(2-Chloroethoxy)methane	7.85	93	425220	39.98	ng	#	96
29) 2,4-Dichlorophenol	7.95	162	255459	41.60	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	272083	40.37	ng		98
31) Naphthalene	8.11	128	865633	37.97	ng		100
32) Benzoic acid	7.86	122	155456	28.18	ng		91
33) 4-Chloroaniline	8.17	127	415874	41.00	ng	#	93
34) Hexachlorobutadiene	8.24	225	143640	39.81	ng		98
35) Caprolactam	8.54	113	79208	37.98	ng		98
36) 4-Chloro-3-methylphenol	8.65	107	286150	39.41	ng		94
37) 2-Methylnaphthalene	8.81	142	591723	40.31	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	265512	41.72	ng	#	1
40) Hexachlorocyclopentadiene	8.96	237	28565	9.14	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	179407	42.76	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	145232	40.23	ng	#	85
45) 1,1'-Biphenyl	9.27	154	647162	40.85	ng		97
46) 2-Chloronaphthalene	9.29	162	495304	39.82	ng		97
47) 2-Nitroaniline	9.38	65	175175	39.68	ng		91
48) Acenaphthylene	9.70	152	785205	39.67	ng		100
49) Dimethylphthalate	9.58	163	636484	46.69	ng		99
50) 2,6-Dinitrotoluene	9.63	165	132993	44.02	ng	#	86
51) Acenaphthene	9.88	154	463138	38.18	ng		99
52) 3-Nitroaniline	9.79	138	142512	37.11	ng		88
53) 2,4-Dinitrophenol	9.90	184	7470	5.60	ng		94
54) Dibenzofuran	10.04	168	614355	38.69	ng	#	87
55) 4-Nitrophenol	9.95	139	108887	37.31	ng	#	84
56) 2,4-Dinitrotoluene	10.03	165	160204	40.56	ng		97
57) Fluorene	10.39	166	425973	34.81	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.17	232	108083	38.70	ng	#	56
59) Diethylphthalate	10.27	149	576246	42.12	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	229400	40.35	ng		98
61) 4-Nitroaniline	10.40	138	141267	38.22	ng		83
62) Azobenzene	10.55	77	619348	39.69	ng		95
64) 4,6-Dinitro-2-methylphenol	10.43	198	14492	8.49	ng		83
65) n-Nitrosodiphenylamine	10.50	169	438028	40.58	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	134653	41.89	ng	#	89
67) Hexachlorobenzene	10.94	284	141155	39.67	ng		96
68) Atrazine	11.03	200	113691	33.80	ng		92
69) Pentachlorophenol	11.13	266	72190	34.28	ng		99
70) Phenanthrene	11.35	178	678754	38.93	ng		99
71) Anthracene	11.39	178	620931	35.82	ng		99
72) Carbazole	11.55	167	630783	38.66	ng		99
73) Di-n-butylphthalate	11.90	149	813609	42.87	ng		98
74) Fluoranthene	12.53	202	583098	32.99	ng		97
76) Benzidine	12.65	184	384163	35.37	ng		99
77) Pyrene	12.75	202	616083	33.82	ng		99
79) Butylbenzylphthalate	13.38	149	296320	36.46	ng	#	87
80) Benzo(a)anthracene	13.94	228	512970	37.07	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	226548	43.55	ng		98
82) Chrysene	13.98	228	527209	38.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	365730	39.42	ng		98
84) Di-n-octyl phthalate	14.55	149	678834	43.07	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.70	276	397476	37.74	ng	#	100
87) Benzo(b)fluoranthene	14.95	252	577122m	45.85	ng		
88) Benzo(k)fluoranthene	14.98	252	343137m	31.32	ng		
89) Benzo(a)pyrene	15.29	252	420718	39.48	ng	#	95
90) Dibenzo(a,h)anthracene	16.71	278	348064	39.11	ng		98
91) Benzo(g,h,i)perylene	17.10	276	337054	36.60	ng		98

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

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