Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043017\
Data File : BF094734.D
Acq On : 1 May 2017 1:30
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
5/1/2017 7:51:04 PM

Quant Time: May 01 04:57:04 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF041717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 17 14:59:23 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.77	152	116545	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	471162	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	224282	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	378925	20.00	ng		0.00
75) Chrysene-d12	14.47	240	236905	20.00	ng		0.00
86) Perylene-d12	16.09	264	223879	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.32	112	575266	81.89	ng		0.01
7) Phenol-d6	5.40	99	662115	79.95	ng		0.00
23) Nitrobenzene-d5	6.42	82	610900	80.06	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	142142	81.03	ng		0.00
44) 2-Fluorobiphenyl	8.58	172	1185494	77.77	ng		0.00
78) Terphenyl-d14	13.19	244	903690	101.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	155397	38.04	ng		95
3) Pyridine	2.62	79	346699	38.83	ng		98
4) n-Nitrosodimethylamine	2.58	42	139793	37.84	ng		91
6) Aniline	5.40	93	430507	39.12	ng		94
8) 2-Chlorophenol	5.54	128	326694	40.87	ng		98
9) Benzaldehyde	5.27	77	277688	44.08	ng		99
10) Phenol	5.41	94	406383	39.95	ng		91
11) bis(2-Chloroethyl)ether	5.48	93	294016	39.56	ng		96
12) 1,3-Dichlorobenzene	5.70	146	355482	40.14	ng		100
13) 1,4-Dichlorobenzene	5.78	146	360552	40.47	ng		97
14) 1,2-Dichlorobenzene	5.96	146	326471	39.78	ng		96
15) Benzyl Alcohol	5.95	79	251779	40.98	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	379894	38.99	ng	#	31
17) 2-Methylphenol	6.09	107	256903	40.81	ng	#	90
18) Hexachloroethane	6.34	117	122627	40.15	ng	#	85
19) n-Nitroso-di-n-propylamine	6.26	70	230328	41.98	ng		93
20) 3+4-Methylphenols	6.28	107	354815	41.48	ng	#	63
22) Acetophenone	6.24	105	460754	40.22	ng	#	85
24) Nitrobenzene	6.44	77	323438	40.25	ng		92
25) Isophorone	6.73	82	583291	41.24	ng		95
26) 2-Nitrophenol	6.81	139	177557	41.13	ng		98
27) 2,4-Dimethylphenol	6.89	122	287016	40.93	ng		98
28) bis(2-Chloroethoxy)methane	6.99	93	371930	40.65	ng		100
29) 2,4-Dichlorophenol	7.12	162	278463	42.69	ng		99
30) 1,2,4-Trichlorobenzene	7.20	180	275342	40.83	ng		97
31) Naphthalene	7.29	128	919617	40.60	ng		100
32) Benzoic acid	7.08	122	142697	38.48	ng		95
33) 4-Chloroaniline	7.37	127	384449	40.80	ng		95
34) Hexachlorobutadiene	7.44	225	140415	41.76	ng		98
35) Caprolactam	7.82	113	87127m	42.52	ng		
36) 4-Chloro-3-methylphenol	8.00	107	286814	41.96	ng		94
37) 2-Methylnaphthalene	8.12	142	646262	41.70	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.33	216	259459	40.63	ng		99
40) Hexachlorocyclopentadiene	8.32	237	69594	26.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	180166	40.17	ng		96
43) 2,4,5-Trichlorophenol	8.55	196	180913	39.28	ng		92
45) 1,1'-Biphenyl	8.70	154	747060	40.77	ng		98
46) 2-Chloronaphthalene	8.72	162	583075	40.02	ng		94
47) 2-Nitroaniline	8.87	65	161904	38.63	ng	#	78
48) Acenaphthylene	9.22	152	917478	40.39	ng		98
49) Dimethylphthalate	9.10	163	701621	41.98	ng		99
50) 2,6-Dinitrotoluene	9.17	165	152416	40.63	ng	#	87
51) Acenaphthene	9.44	154	550786	40.49	ng		99
52) 3-Nitroaniline	9.38	138	157302	36.24	ng		89
53) 2,4-Dinitrophenol	9.53	184	11295	10.91	ng	#	69
54) Dibenzofuran	9.65	168	812514	41.09	ng		94
55) 4-Nitrophenol	9.64	139	34263m	11.17	ng		
56) 2,4-Dinitrotoluene	9.67	165	200419	43.54	ng	#	87
57) Fluorene	10.07	166	609201	39.56	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.82	232	128591	38.95	ng		98
59) Diethylphthalate	9.96	149	658451	41.75	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	263360	41.10	ng		93
61) 4-Nitroaniline	10.13	138	142657	32.33	ng		97
62) Azobenzene	10.27	77	620110	40.50	ng		95
64) 4,6-Dinitro-2-methylphenol	10.17	198	34664	13.96	ng	#	74
65) n-Nitrosodiphenylamine	10.23	169	552713	41.94	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	165285	43.93	ng		96
67) Hexachlorobenzene	10.75	284	165047	43.53	ng	#	87
68) Atrazine	10.91	200	165870	42.07	ng		94
69) Pentachlorophenol	11.01	266	50621	33.62	ng		96
70) Phenanthrene	11.25	178	868617	40.71	ng		99
71) Anthracene	11.31	178	903361	40.93	ng		98
72) Carbazole	11.52	167	760120	36.69	ng		98
73) Di-n-butylphthalate	11.97	149	1020217	44.73	ng		99
74) Fluoranthene	12.71	202	815341	36.87	ng		99
76) Benzidine	12.89	184	284499	29.66	ng	#	93
77) Pyrene	12.98	202	799598	48.31	ng		99
79) Butylbenzylphthalate	13.80	149	360832	49.74	ng	#	84
80) Benzo(a)anthracene	14.46	228	567028	41.18	ng		98
81) 3,3'-Dichlorobenzidine	14.44	252	185835	38.12	ng	#	94
82) Chrysene	14.50	228	523133	41.57	ng		99
83) Bis(2-ethylhexyl)phthalate	14.52	149	512489	52.62	ng	#	100
84) Di-n-octyl phthalate	15.27	149	765466	46.86	ng		96
85) Indeno(1,2,3-cd)pyrene	17.38	276	599269	50.05	ng		99
87) Benzo(b)fluoranthene	15.69	252	514244	37.55	ng		99
88) Benzo(k)fluoranthene	15.72	252	535208	41.30	ng		96
89) Benzo(a)pyrene	16.04	252	528149	41.45	ng		99
90) Dibenzo(a,h)anthracene	17.40	278	489229	46.24	ng		99
91) Benzo(g,h,i)perylene	17.76	276	504798	46.87	ng		96

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

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