Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041717\
Data File : BF094476.D
Acq On : 18 Apr 2017 4:56
Operator : SJ/MA
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
4/18/2017 4:56:05 PM

Quant Time: Apr 18 06:36:11 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	5.76	152	153369	20.00	ng		0.00
21) Naphthalene-d8	7.26	136	626685	20.00	ng		0.00
38) Acenaphthene-d10	9.40	164	273541	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	462590	20.00	ng		0.00
75) Chrysene-d12	14.47	240	276016	20.00	ng		0.00
86) Perylene-d12	16.09	264	253995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.30	112	692373	74.90	ng		0.00
7) Phenol-d6	5.39	99	856463	78.59	ng		0.00
23) Nitrobenzene-d5	6.42	82	769901	75.86	ng		0.00
41) 2,4,6-Tribromophenol	10.37	330	157152	73.45	ng		0.00
44) 2-Fluorobiphenyl	8.59	172	1419896	76.37	ng		0.00
78) Terphenyl-d14	13.20	244	1035304	100.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.05	88	206584	38.43	ng		96
3) Pyridine	2.56	79	461891	39.31	ng		98
4) n-Nitrosodimethylamine	2.53	42	194911	40.09	ng		91
6) Aniline	5.39	93	565052	39.01	ng		90
8) 2-Chlorophenol	5.53	128	416689	39.61	ng		98
9) Benzaldehyde	5.26	77	341601	41.20	ng		99
10) Phenol	5.40	94	527500	39.40	ng		91
11) bis(2-Chloroethyl)ether	5.47	93	388801	39.75	ng		95
12) 1,3-Dichlorobenzene	5.69	146	454919	39.03	ng		99
13) 1,4-Dichlorobenzene	5.78	146	463185	39.50	ng		96
14) 1,2-Dichlorobenzene	5.96	146	414578	38.38	ng		96
15) Benzyl Alcohol	5.94	79	317718	39.30	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.10	45	504122	39.31	ng		79
17) 2-Methylphenol	6.09	107	330278	39.87	ng		94
18) Hexachloroethane	6.35	117	148025	36.83	ng	#	83
19) n-Nitroso-di-n-propylamine	6.26	70	292878	40.56	ng		94
20) 3+4-Methylphenols	6.27	107	455333	40.45	ng	#	63
22) Acetophenone	6.24	105	607646	39.88	ng	#	86
24) Nitrobenzene	6.44	77	404742	37.87	ng		94
25) Isophorone	6.73	82	740443	39.36	ng		94
26) 2-Nitrophenol	6.81	139	219273	38.19	ng		95
27) 2,4-Dimethylphenol	6.89	122	341847	36.65	ng		97
28) bis(2-Chloroethoxy)methane	6.99	93	469371	38.57	ng		100
29) 2,4-Dichlorophenol	7.12	162	342257	39.45	ng		98
30) 1,2,4-Trichlorobenzene	7.20	180	347578	38.75	ng		98
31) Naphthalene	7.29	128	1177095	39.07	ng		99
32) Benzoic acid	7.04	122	105391m	21.37	ng		
33) 4-Chloroaniline	7.36	127	494937	39.49	ng		94
34) Hexachlorobutadiene	7.45	225	172963	38.67	ng		98
35) Caprolactam	7.82	113	107004m	39.26	ng		
36) 4-Chloro-3-methylphenol	7.99	107	357519	39.32	ng		86
37) 2-Methylnaphthalene	8.13	142	795923	38.62	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.34	216	312023	40.06	ng		99
40) Hexachlorocyclopentadiene	8.33	237	67714	21.49	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.49	196	217976	39.85	ng		99
43) 2,4,5-Trichlorophenol	8.55	196	218477	38.89	ng		94
45) 1,1'-Biphenyl	8.70	154	891644	39.90	ng		98
46) 2-Chloronaphthalene	8.73	162	704238	39.63	ng		96
47) 2-Nitroaniline	8.86	65	208271	40.74	ng		86
48) Acenaphthylene	9.23	152	1086745	39.23	ng		98
49) Dimethylphthalate	9.10	163	811909	39.83	ng		99
50) 2,6-Dinitrotoluene	9.16	165	180957	39.55	ng	#	86
51) Acenaphthene	9.45	154	649176	39.12	ng		99
52) 3-Nitroaniline	9.37	138	211226	39.90	ng		89
53) 2,4-Dinitrophenol	9.50	184	24951	15.08	ng	#	69
54) Dibenzofuran	9.66	168	928092	38.48	ng		98
55) 4-Nitrophenol	9.62	139	115758	30.95	ng	#	77
56) 2,4-Dinitrotoluene	9.66	165	218150	38.86	ng	#	66
57) Fluorene	10.07	166	714480	38.05	ng		98
58) 2,3,4,6-Tetrachlorophenol	9.82	232	147573	36.65	ng		96
59) Diethylphthalate	9.96	149	755573	39.28	ng		99
60) 4-Chlorophenyl-phenylether	10.08	204	313420	40.10	ng		95
61) 4-Nitroaniline	10.12	138	203471	37.81	ng		97
62) Azobenzene	10.28	77	751320	40.23	ng		94
64) 4,6-Dinitro-2-methylphenol	10.16	198	58259	19.22	ng	#	67
65) n-Nitrosodiphenylamine	10.23	169	647728	40.26	ng		98
66) 4-Bromophenyl-phenylether	10.68	248	185985	40.49	ng		97
67) Hexachlorobenzene	10.75	284	183395	39.62	ng	#	88
68) Atrazine	10.91	200	190143	39.51	ng		96
69) Pentachlorophenol	11.00	266	50110	27.26	ng		97
70) Phenanthrene	11.25	178	1021902	39.23	ng		99
71) Anthracene	11.32	178	1032599	38.32	ng		99
72) Carbazole	11.52	167	948377	37.50	ng		98
73) Di-n-butylphthalate	11.97	149	1121876	40.29	ng		100
74) Fluoranthene	12.71	202	957874	35.48	ng		99
76) Benzidine	12.88	184	377469	33.78	ng		96
77) Pyrene	12.98	202	934819	48.48	ng		99
79) Butylbenzylphthalate	13.80	149	432233	51.14	ng	#	84
80) Benzo(a)anthracene	14.45	228	662853	41.32	ng		99
81) 3,3'-Dichlorobenzidine	14.43	252	225745	39.75	ng	#	96
82) Chrysene	14.50	228	585891	39.96	ng		100
83) Bis(2-ethylhexyl)phthalate	14.52	149	573289	50.52	ng		100
84) Di-n-octyl phthalate	15.27	149	846770	44.49	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	588253	42.17	ng		100
87) Benzo(b)fluoranthene	15.69	252	596639	38.40	ng		98
88) Benzo(k)fluoranthene	15.72	252	601885	40.93	ng		96
89) Benzo(a)pyrene	16.03	252	584909	40.46	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	495873	41.31	ng		99
91) Benzo(g,h,i)perylene	17.73	276	479483	39.24	ng		96

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

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