Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122117\
Data File : BF101624.D
Acq On : 21 Dec 2017 23:55
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/22/2017 12:42:17 PM

Quant Time: Dec 22 02:04:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 14:25:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	128206	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	490838	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	193563	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	287926	20.00	ng		0.00
75) Chrysene-d12	13.97	240	270989	20.00	ng		0.00
86) Perylene-d12	15.43	264	231204	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	713942	82.95	ng		0.00
7) Phenol-d6	6.45	99	794769	74.20	ng		0.00
23) Nitrobenzene-d5	7.37	82	713031	80.86	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	125864	67.48	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1102016	88.32	ng		0.00
78) Terphenyl-d14	12.90	244	751112	66.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.49	88	171044	38.676	ng		94
3) Pyridine	3.26	79	481533	39.189	ng		99
4) n-Nitrosodimethylamine	3.22	42	215734	38.132	ng	#	98
6) Aniline	6.46	93	547508	36.781	ng	#	80
8) 2-Chlorophenol	6.59	128	347748	38.409	ng		97
9) Benzaldehyde	6.36	77	292690	36.999	ng		99
10) Phenol	6.46	94	453213	37.122	ng		76
11) bis(2-Chloroethyl)ether	6.53	93	367368	38.361	ng		93
12) 1,3-Dichlorobenzene	6.74	146	390301	38.196	ng		99
13) 1,4-Dichlorobenzene	6.82	146	405560	38.866	ng		98
14) 1,2-Dichlorobenzene	6.97	146	361042	38.439	ng		97
15) Benzyl Alcohol	6.95	79	264010	35.809	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	546437	37.283	ng		61
17) 2-Methylphenol	7.06	107	297774	35.755	ng	#	90
18) Hexachloroethane	7.30	117	108440	29.890	ng		97
19) n-Nitroso-di-n-propylamine	7.22	70	249869	35.520	ng		95
20) 3+4-Methylphenols	7.22	107	360348	40.831	ng	#	54
22) Acetophenone	7.22	105	460315	41.100	ng	#	90
24) Nitrobenzene	7.39	77	392591	40.229	ng		95
25) Isophorone	7.62	82	658659	37.236	ng		96
26) 2-Nitrophenol	7.70	139	168271	40.135	ng		98
27) 2,4-Dimethylphenol	7.74	122	270648	37.998	ng		99
28) bis(2-Chloroethoxy)methane	7.83	93	436758	38.871	ng		98
29) 2,4-Dichlorophenol	7.95	162	274409	38.996	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	284980	38.376	ng		97
31) Naphthalene	8.10	128	922017	37.313	ng		100
32) Benzoic acid	7.88	122	131450m	30.808	ng		
33) 4-Chloroaniline	8.16	127	408602	38.045	ng		97
34) Hexachlorobutadiene	8.21	225	169573	39.482	ng		99
35) Caprolactam	8.54	113	83539	34.189	ng	#	87
36) 4-Chloro-3-methylphenol	8.65	107	283744	36.687	ng		98
37) 2-Methylnaphthalene	8.79	142	587086	36.466	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	279817	42.817	ng		97
40) Hexachlorocyclopentadiene	8.85	237	317	11.634	ng	#	26

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	172014	43.721 ng		100
43) 2,4,5-Trichlorophenol	9.13	196	173707	40.323 ng	#	95
45) 1,1'-Biphenyl	9.26	154	710516	41.391 ng		98
46) 2-Chloronaphthalene	9.29	162	519332	39.539 ng		96
47) 2-Nitroaniline	9.39	65	196085	43.215 ng		91
48) Acenaphthylene	9.70	152	790791	38.118 ng		99
49) Dimethylphthalate	9.56	163	609747	39.163 ng		100
50) 2,6-Dinitrotoluene	9.63	165	119657	37.814 ng		96
51) Acenaphthene	9.87	154	469120	37.637 ng		98
52) 3-Nitroaniline	9.80	138	157389	39.894 ng		96
54) Dibenzofuran	10.04	168	637765	40.263 ng		98
55) 4-Nitrophenol	9.99	139	50180	29.170 ng		93
56) 2,4-Dinitrotoluene	10.05	165	134016	37.590 ng	#	81
57) Fluorene	10.39	166	502212	37.479 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	113281	36.601 ng	#	89
59) Diethylphthalate	10.25	149	618488	40.114 ng		97
60) 4-Chlorophenyl-phenylether	10.37	204	260389	40.547 ng		96
61) 4-Nitroaniline	10.42	138	129983	32.778 ng		99
62) Azobenzene	10.53	77	568850	35.616 ng		96
64) 4,6-Dinitro-2-methylphenol	10.47	198	5090	3.464 ng	#	81
65) n-Nitrosodiphenylamine	10.49	169	477499	44.914 ng		95
66) 4-Bromophenyl-phenylether	10.86	248	144160	44.560 ng	#	85
67) Hexachlorobenzene	10.93	284	142629	41.655 ng		95
68) Atrazine	11.02	200	126358	39.860 ng		98
69) Pentachlorophenol	11.14	266	52845	42.991 ng		94
70) Phenanthrene	11.35	178	614467	38.375 ng		99
71) Anthracene	11.40	178	630921	38.575 ng		100
72) Carbazole	11.56	167	572708	37.399 ng		99
73) Di-n-butylphthalate	11.87	149	810058	43.584 ng		99
74) Fluoranthene	12.54	202	641973	38.197 ng		99
76) Benzidine	12.67	184	384542	33.598 ng		99
77) Pyrene	12.77	202	679210	33.397 ng		99
79) Butylbenzylphthalate	13.37	149	311393	33.839 ng	#	97
80) Benzo(a)anthracene	13.96	228	670280	37.459 ng		99
81) 3,3'-Dichlorobenzidine	13.92	252	242607	41.581 ng	#	97
82) Chrysene	14.00	228	643976	38.116 ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	411448	35.300 ng		98
84) Di-n-octyl phthalate	14.53	149	812276	39.076 ng		97
85) Indeno(1,2,3-cd)pyrene	16.92	276	428630	28.490 ng		96
87) Benzo(b)fluoranthene	15.01	252	623835	44.267 ng		98
88) Benzo(k)fluoranthene	15.04	252	526353	38.415 ng		97
89) Benzo(a)pyrene	15.38	252	498930	38.405 ng		98
90) Dibenzo(a,h)anthracene	16.91	278	372540	33.400 ng		97
91) Benzo(g,h,i)perylene	17.36	276	347738	31.484 ng		96

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

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