Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101676.D
Acq On : 23 Dec 2017 2:43
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:38 PM

Quant Time: Dec 23 03:55:28 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	133011	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	515707	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	224418	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	380587	20.00	ng		0.00
75) Chrysene-d12	13.97	240	259605	20.00	ng		0.00
86) Perylene-d12	15.43	264	261077	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	734742	82.28	ng		0.00
7) Phenol-d6	6.43	99	831669	74.84	ng		0.00
23) Nitrobenzene-d5	7.36	82	741654	80.05	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	164215	75.94	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1202761	83.14	ng		0.00
78) Terphenyl-d14	12.90	244	897747	83.37	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	177287	38.64	ng		95
3) Pyridine	3.23	79	467502	36.67	ng		96
4) n-Nitrosodimethylamine	3.20	42	219944	37.47	ng		98
6) Aniline	6.46	93	578960	37.49	ng	#	91
8) 2-Chlorophenol	6.57	128	365587	38.92	ng		94
9) Benzaldehyde	6.35	77	300177	36.57	ng		97
10) Phenol	6.45	94	479264	37.84	ng		89
11) bis(2-Chloroethyl)ether	6.53	93	381850	38.43	ng		96
12) 1,3-Dichlorobenzene	6.73	146	410074	38.68	ng		100
13) 1,4-Dichlorobenzene	6.80	146	421579	38.94	ng		100
14) 1,2-Dichlorobenzene	6.96	146	376660	38.65	ng		98
15) Benzyl Alcohol	6.94	79	282757	36.97	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.06	45	574429	37.78	ng		68
17) 2-Methylphenol	7.05	107	318752	36.89	ng	#	94
18) Hexachloroethane	7.29	117	129060	34.29	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	267443	36.65	ng		93
20) 3+4-Methylphenols	7.21	107	385003	42.05	ng	#	55
22) Acetophenone	7.20	105	479585	40.76	ng	#	89
24) Nitrobenzene	7.38	77	414249	40.40	ng		97
25) Isophorone	7.62	82	698804	37.60	ng		98
26) 2-Nitrophenol	7.69	139	186204	42.27	ng		94
27) 2,4-Dimethylphenol	7.73	122	292805	39.13	ng		98
28) bis(2-Chloroethoxy)methane	7.82	93	464170	39.32	ng		98
29) 2,4-Dichlorophenol	7.94	162	301342	40.76	ng		100
30) 1,2,4-Trichlorobenzene	8.02	180	307326	39.39	ng		96
31) Naphthalene	8.09	128	1004841	38.70	ng		99
32) Benzoic acid	7.89	122	184973	38.56	ng		96
33) 4-Chloroaniline	8.15	127	442859	39.25	ng		99
34) Hexachlorobutadiene	8.20	225	181621	40.25	ng		99
35) Caprolactam	8.53	113	96853	37.73	ng	#	82
36) 4-Chloro-3-methylphenol	8.64	107	319210	39.28	ng		98
37) 2-Methylnaphthalene	8.79	142	644060	38.08	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	313051	41.32	ng	#	97
40) Hexachlorocyclopentadiene	8.93	237	1496	12.68	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	192182	42.13	ng		97
43) 2,4,5-Trichlorophenol	9.12	196	199681	39.98	ng		97
45) 1,1'-Biphenyl	9.25	154	791333	39.76	ng		99
46) 2-Chloronaphthalene	9.27	162	597481	39.23	ng		98
47) 2-Nitroaniline	9.39	65	223104	42.41	ng		94
48) Acenaphthylene	9.69	152	906792	37.70	ng		100
49) Dimethylphthalate	9.55	163	683745	37.88	ng		99
50) 2,6-Dinitrotoluene	9.63	165	143609	39.14	ng		95
51) Acenaphthene	9.86	154	549172	38.00	ng		99
52) 3-Nitroaniline	9.80	138	188131	41.13	ng		96
53) 2,4-Dinitrophenol	9.95	184	3322	12.58	ng	#	17
54) Dibenzofuran	10.03	168	756241	41.18	ng		99
55) 4-Nitrophenol	9.98	139	79067	39.64	ng		90
56) 2,4-Dinitrotoluene	10.04	165	177473	42.93	ng	#	90
57) Fluorene	10.38	166	623116	40.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	141786	39.51	ng	#	88
59) Diethylphthalate	10.25	149	701741	39.26	ng		98
60) 4-Chlorophenyl-phenylether	10.36	204	307542	41.30	ng		94
61) 4-Nitroaniline	10.42	138	170348	37.05	ng		98
62) Azobenzene	10.53	77	676128	36.51	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	23880	12.30	ng		94
65) n-Nitrosodiphenylamine	10.49	169	594804	42.33	ng		96
66) 4-Bromophenyl-phenylether	10.86	248	184744	43.20	ng	#	85
67) Hexachlorobenzene	10.93	284	182276	40.27	ng		94
68) Atrazine	11.02	200	164110	39.16	ng		97
69) Pentachlorophenol	11.13	266	87249m	52.07	ng		
70) Phenanthrene	11.35	178	802429	37.91	ng		99
71) Anthracene	11.39	178	827068	38.26	ng		99
72) Carbazole	11.56	167	760526	37.57	ng		99
73) Di-n-butylphthalate	11.87	149	1029455	41.90	ng		99
74) Fluoranthene	12.53	202	766746	34.51	ng		99
76) Benzidine	12.66	184	378940	34.56	ng		99
77) Pyrene	12.76	202	772373	39.64	ng		99
79) Butylbenzylphthalate	13.36	149	375686	42.62	ng		95
80) Benzo(a)anthracene	13.96	228	651938	38.03	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	227201	40.65	ng		97
82) Chrysene	13.99	228	624758	38.60	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	487349	43.65	ng		97
84) Di-n-octyl phthalate	14.53	149	835437	41.95	ng		97
85) Indeno(1,2,3-cd)pyrene	16.90	276	575811	39.95	ng		96
87) Benzo(b)fluoranthene	15.00	252	585670	36.80	ng		99
88) Benzo(k)fluoranthene	15.03	252	623604	40.31	ng		98
89) Benzo(a)pyrene	15.37	252	567885	38.71	ng		99
90) Dibenzo(a,h)anthracene	16.90	278	497770	39.52	ng		97
91) Benzo(g,h,i)perylene	17.34	276	468494	37.56	ng		96

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

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