Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF120815\
Data File : BF083597.D
Acq On : 8 Dec 2015 15:49
Operator : UM/IZ
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
Mmdadoda
12/9/2015 6:13:14 PM

Quant Time: Dec 08 17:24:22 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 08 17:21:02 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.70	152	161915	20.00	ng		0.00
21) Naphthalene-d8	7.61	136	645778	20.00	ng		0.00
38) Acenaphthene-d10	10.38	164	313979	20.00	ng		0.00
63) Phenanthrene-d10	12.78	188	587600	20.00	ng		0.00
75) Chrysene-d12	16.99	240	484151	20.00	ng		0.00
86) Perylene-d12	18.64	264	375589	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	3.97	112	896465	83.75	ng		0.00
7) Phenol-d6	5.28	99	1186522	80.65	ng		0.00
23) Nitrobenzene-d5	6.53	82	1104674	80.18	ng		0.00
41) 2,4,6-Tribromophenol	11.69	330	230851	79.88	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	1746874	75.87	ng		0.00
78) Terphenyl-d14	15.41	244	1611996	75.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.81	88	202390	36.55	ng		97
3) Pyridine	2.27	79	507905	38.67	ng		99
4) n-Nitrosodimethylamine	2.22	42	289414	43.02	ng		91
6) Aniline	5.25	93	755863	39.72	ng	#	87
8) 2-Chlorophenol	5.42	128	478835	40.36	ng		95
9) Benzaldehyde	5.10	77	313203	37.57	ng		95
10) Phenol	5.29	94	727911	41.84	ng		85
11) bis(2-Chloroethyl)ether	5.36	93	523449	40.97	ng		97
12) 1,3-Dichlorobenzene	5.61	146	534801	40.57	ng	#	96
13) 1,4-Dichlorobenzene	5.72	146	538716	40.02	ng		98
14) 1,2-Dichlorobenzene	5.94	146	507963	40.92	ng		98
15) Benzyl Alcohol	5.95	79	437600	42.75	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.12	45	968527	40.78	ng	#	60
17) 2-Methylphenol	6.14	107	397967	40.52	ng		92
18) Hexachloroethane	6.42	117	194319	41.18	ng		98
19) n-Nitroso-di-n-propylamine	6.34	70	402026	40.87	ng		94
20) 3+4-Methylphenols	6.38	107	501239	39.61	ng		99
22) Acetophenone	6.32	105	740495	39.88	ng	#	95
24) Nitrobenzene	6.57	77	600688	39.45	ng		92
25) Isophorone	6.93	82	1075755	40.52	ng		97
26) 2-Nitrophenol	7.05	139	253982	42.22	ng		90
27) 2,4-Dimethylphenol	7.17	122	427927	40.41	ng		98
28) bis(2-Chloroethoxy)methane	7.29	93	604118	40.88	ng		99
29) 2,4-Dichlorophenol	7.45	162	395992	41.35	ng		98
30) 1,2,4-Trichlorobenzene	7.53	180	427099	40.35	ng		99
31) Naphthalene	7.63	128	1342421	39.19	ng		99
32) Benzoic acid	7.49	122	254542	44.70	ng		97
33) 4-Chloroaniline	7.77	127	514056	38.61	ng		95
34) Hexachlorobutadiene	7.85	225	249637	39.91	ng		98
35) Caprolactam	8.40	113	121628	39.95	ng		96
36) 4-Chloro-3-methylphenol	8.61	107	443157	41.10	ng		99
37) 2-Methylnaphthalene	8.74	142	847926	39.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	418506	40.47	ng	#	100
40) Hexachlorocyclopentadiene	8.99	237	54789	19.77	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	254463	39.48	ng		99
43) 2,4,5-Trichlorophenol	9.31	196	255045	38.49	ng	#	88
45) 1,1'-Biphenyl	9.49	154	1092148	39.27	ng		99
46) 2-Chloronaphthalene	9.50	162	830064	39.54	ng		93
47) 2-Nitroaniline	9.72	65	305329	40.77	ng		98
48) Acenaphthylene	10.16	152	1352443	39.36	ng		99
49) Dimethylphthalate	10.04	163	994852	40.12	ng		99
50) 2,6-Dinitrotoluene	10.13	165	211769	40.69	ng		95
51) Acenaphthene	10.44	154	777800	39.24	ng		99
52) 3-Nitroaniline	10.41	138	232244	41.20	ng	#	78
53) 2,4-Dinitrophenol	10.62	184	93031	41.35	ng		96
54) Dibenzofuran	10.73	168	1094093	39.78	ng		97
55) 4-Nitrophenol	10.82	139	97666	32.07	ng		87
56) 2,4-Dinitrotoluene	10.80	165	291468	42.51	ng	#	79
57) Fluorene	11.28	166	931312	39.09	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.97	232	197596	39.61	ng	#	100
59) Diethylphthalate	11.18	149	960227	40.31	ng		99
60) 4-Chlorophenyl-phenylether	11.31	204	456550	39.83	ng		91
61) 4-Nitroaniline	11.40	138	213663	41.94	ng		88
62) Azobenzene	11.56	77	1096660	42.55	ng		97
64) 4,6-Dinitro-2-methylphenol	11.46	198	160398	42.83	ng		88
65) n-Nitrosodiphenylamine	11.52	169	777621	40.03	ng		99
66) 4-Bromophenyl-phenylether	12.09	248	264384	41.06	ng		95
67) Hexachlorobenzene	12.17	284	277223	40.31	ng		93
68) Atrazine	12.44	200	240470	40.86	ng		98
69) Pentachlorophenol	12.53	266	62241	24.18	ng		96
70) Phenanthrene	12.82	178	1337656	39.27	ng		99
71) Anthracene	12.91	178	1393297	40.02	ng		100
72) Carbazole	13.21	167	1193948	39.96	ng		98
73) Di-n-butylphthalate	13.84	149	1534939	42.33	ng		99
74) Fluoranthene	14.75	202	1381414	40.74	ng		99
76) Benzidine	15.03	184	643872	37.57	ng		99
77) Pyrene	15.11	202	1404989	39.11	ng		99
79) Butylbenzylphthalate	16.24	149	636600	44.40	ng	#	85
80) Benzo(a)anthracene	16.98	228	1118524	39.63	ng		99
81) 3,3'-Dichlorobenzidine	16.97	252	398925	43.77	ng		99
82) Chrysene	17.03	228	1132307	40.13	ng		99
83) Bis(2-ethylhexyl)phthalate	17.09	149	897087	47.01	ng	#	100
84) Di-n-octyl phthalate	17.86	149	1337922	48.64	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.86	276	725295	31.11	ng	#	100
87) Benzo(b)fluoranthene	18.25	252	840178m	39.88	ng		
88) Benzo(k)fluoranthene	18.28	252	968537m	44.17	ng		
89) Benzo(a)pyrene	18.58	252	820199	40.08	ng	#	96
90) Dibenzo(a,h)anthracene	19.87	278	609759	32.13	ng		99
91) Benzo(g,h,i)perylene	20.23	276	588764	30.86	ng		97

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

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