Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122515\
Data File : BF084134.D
Acq On : 25 Dec 2015 17:21
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2015 5:58:02 PM

Quant Time: Dec 26 04:10:09 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 24 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	52187	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	194813	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	91806	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	163170	20.00	ng		0.00
75) Chrysene-d12	13.96	240	112918	20.00	ng		0.00
86) Perylene-d12	15.38	264	100768	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	237322	77.10	ng		0.00
7) Phenol-d6	6.45	99	269505	70.76	ng		0.00
23) Nitrobenzene-d5	7.37	82	259909	78.09	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	73063	74.63	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	526502	78.47	ng		0.00
78) Terphenyl-d14	12.90	244	480062	76.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	48226	38.23	ng		99
3) Pyridine	3.06	79	117828	38.24	ng		96
4) n-Nitrosodimethylamine	3.00	42	52849	38.93	ng		98
6) Aniline	6.46	93	191511	39.78	ng	#	76
8) 2-Chlorophenol	6.59	128	147265	38.53	ng		93
9) Benzaldehyde	6.35	77	73060	35.87	ng		89
10) Phenol	6.46	94	153796	35.30	ng	#	60
11) bis(2-Chloroethyl)ether	6.53	93	116716	37.15	ng		94
12) 1,3-Dichlorobenzene	6.74	146	159221	38.15	ng		98
13) 1,4-Dichlorobenzene	6.82	146	158391m	37.72	ng		
14) 1,2-Dichlorobenzene	6.97	146	142312	36.77	ng		98
15) Benzyl Alcohol	6.96	79	105471	36.57	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	111085	36.20	ng	#	53
17) 2-Methylphenol	7.07	107	105632	35.99	ng	#	92
18) Hexachloroethane	7.31	117	57646	37.61	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	85914	36.62	ng	#	87
20) 3+4-Methylphenols	7.23	107	141368	37.76	ng	#	49
22) Acetophenone	7.22	105	193268	39.70	ng	#	89
24) Nitrobenzene	7.39	77	145078	41.05	ng		89
25) Isophorone	7.63	82	245300	39.85	ng		95
26) 2-Nitrophenol	7.71	139	71162	39.35	ng	#	92
27) 2,4-Dimethylphenol	7.76	122	127292	42.41	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	132043	36.79	ng		99
29) 2,4-Dichlorophenol	7.95	162	109226	39.18	ng		92
30) 1,2,4-Trichlorobenzene	8.03	180	120959	39.59	ng		97
31) Naphthalene	8.11	128	412638	39.81	ng		100
32) Benzoic acid	7.89	122	56849m	39.50	ng		
33) 4-Chloroaniline	8.16	127	155818	37.78	ng		99
34) Hexachlorobutadiene	8.22	225	66477	38.15	ng		99
35) Caprolactam	8.53	113	32952	42.62	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	127717	40.74	ng		99
37) 2-Methylnaphthalene	8.80	142	250267	38.57	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	115477	39.90	ng		99
40) Hexachlorocyclopentadiene	8.96	237	18133	31.92	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	72636	38.49	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	76183	40.33	ng	#	83
45) 1,1'-Biphenyl	9.26	154	342939	41.35	ng		96
46) 2-Chloronaphthalene	9.29	162	258424	40.98	ng		95
47) 2-Nitroaniline	9.39	65	67544	40.31	ng	#	54
48) Acenaphthylene	9.70	152	410331	39.62	ng		99
49) Dimethylphthalate	9.56	163	276818	36.41	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	69118	42.82	ng		93
51) Acenaphthene	9.87	154	234871	39.00	ng		98
52) 3-Nitroaniline	9.80	138	74531	43.03	ng	#	76
53) 2,4-Dinitrophenol	9.92	184	13286m	31.84	ng		
54) Dibenzofuran	10.04	168	323526	39.06	ng		93
55) 4-Nitrophenol	9.98	139	31506	35.64	ng		95
56) 2,4-Dinitrotoluene	10.03	165	79439	37.29	ng	#	84
57) Fluorene	10.38	166	278219	39.53	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	55864	41.49	ng		95
59) Diethylphthalate	10.26	149	272399	35.27	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	115510	35.58	ng	#	85
61) 4-Nitroaniline	10.41	138	64175	40.09	ng		93
62) Azobenzene	10.53	77	252998	39.76	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	29093	32.12	ng		81
65) n-Nitrosodiphenylamine	10.50	169	249092	42.82	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	78616	41.59	ng	#	84
67) Hexachlorobenzene	10.93	284	79692	38.51	ng	#	81
68) Atrazine	11.02	200	71840	41.01	ng		99
69) Pentachlorophenol	11.14	266	21297	35.99	ng		97
70) Phenanthrene	11.34	178	386649	39.97	ng		99
71) Anthracene	11.40	178	383250	37.89	ng		98
72) Carbazole	11.55	167	322714	37.50	ng		100
73) Di-n-butylphthalate	11.88	149	440160	39.71	ng	#	98
74) Fluoranthene	12.53	202	388585	36.85	ng		95
76) Benzidine	12.65	184	157570	41.06	ng		99
77) Pyrene	12.76	202	385612	39.58	ng		99
79) Butylbenzylphthalate	13.37	149	164185	40.71	ng		90
80) Benzo(a)anthracene	13.95	228	279654	40.26	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	95507	45.41	ng	#	96
82) Chrysene	13.99	228	274618	42.87	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	224795	43.14	ng	#	96
84) Di-n-octyl phthalate	14.55	149	324183	44.21	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	278756	43.46	ng		99
87) Benzo(b)fluoranthene	14.97	252	293134m	39.17	ng		
88) Benzo(k)fluoranthene	15.00	252	199387m	39.32	ng		
89) Benzo(a)pyrene	15.32	252	239581	38.86	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	231718	38.51	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	230714	37.57	ng		98

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

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