Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084132.D
Acq On : 25 Dec 2015 16:24
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/28/2015 1:10:41 PM

Quant Time: Dec 26 03:53:51 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	49125	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	192125	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	92601	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	164022	20.00	ng		0.00
75) Chrysene-d12	13.96	240	108465	20.00	ng		0.00
86) Perylene-d12	15.38	264	98859	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	229756	79.29	ng		0.00
7) Phenol-d6	6.45	99	262729	73.28	ng		0.00
23) Nitrobenzene-d5	7.37	82	257835	78.55	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	73167	74.09	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	519089	76.70	ng		0.00
78) Terphenyl-d14	12.90	244	473050	78.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	47100	39.66	ng		98
3) Pyridine	3.05	79	129079	44.50	ng		95
4) n-Nitrosodimethylamine	3.00	42	48481	37.94	ng		98
6) Aniline	6.46	93	185179	40.86	ng	#	73
8) 2-Chlorophenol	6.59	128	144542	40.17	ng		93
9) Benzaldehyde	6.35	77	72623	37.87	ng		86
10) Phenol	6.46	94	153486	37.43	ng	#	60
11) bis(2-Chloroethyl)ether	6.53	93	113662	38.44	ng		97
12) 1,3-Dichlorobenzene	6.74	146	153533	39.08	ng		97
13) 1,4-Dichlorobenzene	6.82	146	154714m	39.14	ng		
14) 1,2-Dichlorobenzene	6.97	146	141004	38.71	ng		98
15) Benzyl Alcohol	6.96	79	104128	38.35	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.08	45	110780	38.35	ng		56
17) 2-Methylphenol	7.07	107	105571	38.21	ng	#	92
18) Hexachloroethane	7.31	117	56624	39.25	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	83493	37.81	ng	#	87
20) 3+4-Methylphenols	7.23	107	137590	39.04	ng	#	49
22) Acetophenone	7.22	105	192978	40.20	ng	#	87
24) Nitrobenzene	7.39	77	140841	40.41	ng	#	88
25) Isophorone	7.63	82	244679	40.30	ng	#	94
26) 2-Nitrophenol	7.71	139	71804	40.26	ng		92
27) 2,4-Dimethylphenol	7.76	122	125769	42.49	ng		95
28) bis(2-Chloroethoxy)methane	7.84	93	132243	37.36	ng		98
29) 2,4-Dichlorophenol	7.95	162	108473	39.45	ng		92
30) 1,2,4-Trichlorobenzene	8.03	180	122362	40.61	ng		98
31) Naphthalene	8.11	128	410985	40.21	ng		98
32) Benzoic acid	7.89	122	48098	33.89	ng		95
33) 4-Chloroaniline	8.16	127	154521	37.99	ng		98
34) Hexachlorobutadiene	8.22	225	65577	38.16	ng		96
35) Caprolactam	8.53	113	33787	44.31	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	128890	41.69	ng		100
37) 2-Methylnaphthalene	8.80	142	249808	39.04	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	119006	40.77	ng		97
40) Hexachlorocyclopentadiene	8.96	237	17843	31.41	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	72473	38.08	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	76897	40.36	ng	#	81
45) 1,1'-Biphenyl	9.26	154	337840	40.38	ng		97
46) 2-Chloronaphthalene	9.29	162	258876	40.70	ng		95
47) 2-Nitroaniline	9.39	65	71597	42.37	ng	#	61
48) Acenaphthylene	9.70	152	409279	39.18	ng		99
49) Dimethylphthalate	9.56	163	285186	37.19	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	70294	43.18	ng		92
51) Acenaphthene	9.87	154	234212	38.56	ng		99
52) 3-Nitroaniline	9.80	138	73839	42.27	ng	#	78
53) 2,4-Dinitrophenol	9.92	184	14994	34.28	ng		94
54) Dibenzofuran	10.04	168	320535	38.37	ng		93
55) 4-Nitrophenol	9.98	139	33218	37.25	ng		93
56) 2,4-Dinitrotoluene	10.03	165	78735	36.64	ng	#	83
57) Fluorene	10.38	166	282947	39.85	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	54232	39.93	ng		98
59) Diethylphthalate	10.26	149	274144	35.19	ng		95
60) 4-Chlorophenyl-phenylether	10.37	204	115586	35.30	ng	#	84
61) 4-Nitroaniline	10.41	138	64762	40.11	ng		90
62) Azobenzene	10.53	77	248230	38.67	ng		90
64) 4,6-Dinitro-2-methylphenol	10.45	198	29956	32.90	ng		77
65) n-Nitrosodiphenylamine	10.50	169	248881	42.57	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	80034	42.12	ng	#	82
67) Hexachlorobenzene	10.93	284	81037	38.95	ng	#	80
68) Atrazine	11.02	200	66326	37.66	ng		98
69) Pentachlorophenol	11.14	266	21986	36.76	ng		98
70) Phenanthrene	11.34	178	388614	39.97	ng		99
71) Anthracene	11.40	178	378326	37.21	ng		99
72) Carbazole	11.55	167	328579	37.99	ng		99
73) Di-n-butylphthalate	11.88	149	434889	39.03	ng	#	98
74) Fluoranthene	12.53	202	384768	36.13	ng		95
76) Benzidine	12.65	184	153184	41.55	ng		99
77) Pyrene	12.76	202	380675	40.68	ng		99
79) Butylbenzylphthalate	13.37	149	164061	42.35	ng		90
80) Benzo(a)anthracene	13.95	228	272728	40.88	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	95258	47.15	ng	#	98
82) Chrysene	13.99	228	264348	42.97	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	214820	42.92	ng	#	94
84) Di-n-octyl phthalate	14.55	149	321346	45.63	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	281637	45.71	ng		99
87) Benzo(b)fluoranthene	14.97	252	287009m	39.09	ng		
88) Benzo(k)fluoranthene	15.00	252	192721m	38.73	ng		
89) Benzo(a)pyrene	15.32	252	235322	38.91	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	232103	39.32	ng	#	95
91) Benzo(g,h,i)perylene	17.19	276	234602	38.94	ng		98

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

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