Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
Data File : BF084155.D
Acq On : 28 Dec 2015 14:53
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/29/2015 4:53:28 PM

Quant Time: Dec 29 04:12:34 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	6.78	152	56246	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	224054	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	107155	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	185691	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	117683	20.00	ng		-0.01
86) Perylene-d12	15.37	264	105710	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	297902	89.80	ng		-0.02
7) Phenol-d6	6.44	99	337793	82.29	ng		-0.01
23) Nitrobenzene-d5	7.36	82	318159	83.12	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	87282	76.38	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	652093	83.27	ng		-0.01
78) Terphenyl-d14	12.89	244	527271	81.07	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	59595	43.83	ng		98
3) Pyridine	3.01	79	162038	48.80	ng		96
4) n-Nitrosodimethylamine	2.97	42	61153	41.79	ng		99
6) Aniline	6.44	93	214963	41.43	ng		97
8) 2-Chlorophenol	6.58	128	163076	39.58	ng		89
9) Benzaldehyde	6.33	77	114164	52.00	ng		98
10) Phenol	6.45	94	200842	42.78	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	143069	42.26	ng		100
12) 1,3-Dichlorobenzene	6.73	146	177718	39.51	ng		97
13) 1,4-Dichlorobenzene	6.80	146	182763	40.38	ng		97
14) 1,2-Dichlorobenzene	6.96	146	174000	41.72	ng		97
15) Benzyl Alcohol	6.93	79	130222	41.89	ng		89
16) 2,2'-oxybis(1-Chloropropan	7.07	45	137820	41.67	ng		70
17) 2-Methylphenol	7.06	107	130887	41.37	ng	#	92
18) Hexachloroethane	7.29	117	63920	38.69	ng	#	89
19) n-Nitroso-di-n-propylamine	7.21	70	111858	44.24	ng		94
20) 3+4-Methylphenols	7.22	107	161899	40.12	ng	#	46
22) Acetophenone	7.20	105	226728	40.50	ng		93
24) Nitrobenzene	7.37	77	145317	35.75	ng		92
25) Isophorone	7.62	82	281473	39.75	ng	#	94
26) 2-Nitrophenol	7.69	139	85828	41.26	ng	#	83
27) 2,4-Dimethylphenol	7.74	122	139469	40.40	ng		90
28) bis(2-Chloroethoxy)methane	7.82	93	182888	44.31	ng		99
29) 2,4-Dichlorophenol	7.94	162	138391	43.16	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	134606	38.31	ng		95
31) Naphthalene	8.09	128	450960	37.83	ng		100
32) Benzoic acid	7.88	122	46257	27.95	ng		95
33) 4-Chloroaniline	8.14	127	193717	40.84	ng		98
34) Hexachlorobutadiene	8.21	225	83391	41.61	ng		99
35) Caprolactam	8.52	113	35021	39.38	ng		94
36) 4-Chloro-3-methylphenol	8.65	107	139594	38.72	ng		95
37) 2-Methylnaphthalene	8.78	142	326591	43.77	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	137476	40.70	ng		97
40) Hexachlorocyclopentadiene	8.93	237	14440	25.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	83648	37.98	ng		96
43) 2,4,5-Trichlorophenol	9.12	196	89271	40.49	ng	#	86
45) 1,1'-Biphenyl	9.24	154	361529	37.35	ng		99
46) 2-Chloronaphthalene	9.28	162	287462	39.06	ng		91
47) 2-Nitroaniline	9.37	65	74719	38.21	ng		93
48) Acenaphthylene	9.69	152	463602	38.36	ng		99
49) Dimethylphthalate	9.55	163	327503	36.90	ng	#	90
50) 2,6-Dinitrotoluene	9.62	165	74621	39.61	ng		93
51) Acenaphthene	9.86	154	273007	38.84	ng		99
52) 3-Nitroaniline	9.79	138	84951	42.02	ng	#	74
53) 2,4-Dinitrophenol	9.90	184	19343	36.86	ng	#	73
54) Dibenzofuran	10.03	168	411358	42.55	ng		96
55) 4-Nitrophenol	9.97	139	28969m	28.07	ng		
56) 2,4-Dinitrotoluene	10.02	165	86827	34.92	ng	#	67
57) Fluorene	10.37	166	334385	40.70	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	63377	40.33	ng		95
59) Diethylphthalate	10.25	149	343354	38.09	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	150922	39.83	ng		99
61) 4-Nitroaniline	10.41	138	78858	42.20	ng		85
62) Azobenzene	10.52	77	338218	45.54	ng		96
64) 4,6-Dinitro-2-methylphenol	10.44	198	39152	37.99	ng		84
65) n-Nitrosodiphenylamine	10.49	169	274158	41.42	ng		99
66) 4-Bromophenyl-phenylether	10.85	248	88383	41.09	ng		99
67) Hexachlorobenzene	10.92	284	97675	41.47	ng	#	92
68) Atrazine	11.01	200	85978	43.13	ng		98
69) Pentachlorophenol	11.13	266	23370	34.98	ng		97
70) Phenanthrene	11.33	178	440473	40.01	ng		99
71) Anthracene	11.38	178	422753	36.73	ng		99
72) Carbazole	11.54	167	391865	40.02	ng		99
73) Di-n-butylphthalate	11.87	149	492300	39.02	ng		100
74) Fluoranthene	12.52	202	403801	32.75	ng		95
76) Benzidine	12.64	184	161931	40.48	ng		99
77) Pyrene	12.75	202	402684	39.66	ng		99
79) Butylbenzylphthalate	13.36	149	157901	37.57	ng		99
80) Benzo(a)anthracene	13.94	228	303008	41.86	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	104278	47.57	ng	#	97
82) Chrysene	13.97	228	256166	38.37	ng		100
83) Bis(2-ethylhexyl)phthalate	13.92	149	201925	37.18	ng		99
84) Di-n-octyl phthalate	14.52	149	323582	42.35	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	312554	46.76	ng		100
87) Benzo(b)fluoranthene	14.97	252	249172m	31.74	ng		
88) Benzo(k)fluoranthene	14.99	252	249763m	46.95	ng		
89) Benzo(a)pyrene	15.31	252	245121	37.90	ng	#	97
90) Dibenzo(a,h)anthracene	16.76	278	261012	41.35	ng		96
91) Benzo(g,h,i)perylene	17.19	276	270809	42.04	ng		98

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

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