Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084109.D
Acq On : 25 Dec 2015 5:31
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
12/28/2015 1:10:13 PM

Quant Time: Dec 25 06:22:24 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	48971	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	189194	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	88447	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	157807	20.00	ng		0.00
75) Chrysene-d12	13.96	240	118775	20.00	ng		0.00
86) Perylene-d12	15.38	264	92268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	230675	79.86	ng		0.00
7) Phenol-d6	6.45	99	268646	75.16	ng		0.00
23) Nitrobenzene-d5	7.37	82	249287	77.13	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	72582	76.95	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	491832	76.09	ng		0.00
78) Terphenyl-d14	12.90	244	468968	71.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	46302	39.11	ng		99
3) Pyridine	3.06	79	120359	41.63	ng		97
4) n-Nitrosodimethylamine	3.00	42	49762	39.06	ng		99
6) Aniline	6.46	93	181827	40.25	ng	#	67
8) 2-Chlorophenol	6.59	128	140953	39.30	ng		92
9) Benzaldehyde	6.35	77	71188	37.24	ng		89
10) Phenol	6.46	94	158266	38.72	ng	#	72
11) bis(2-Chloroethyl)ether	6.53	93	111930	37.97	ng		96
12) 1,3-Dichlorobenzene	6.74	146	151869	38.78	ng		97
13) 1,4-Dichlorobenzene	6.82	146	153786m	39.02	ng		
14) 1,2-Dichlorobenzene	6.97	146	137596	37.89	ng		98
15) Benzyl Alcohol	6.94	79	101399	37.46	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	7.08	45	108405	37.65	ng		65
17) 2-Methylphenol	7.07	107	100967	36.66	ng	#	91
18) Hexachloroethane	7.31	117	56461	39.26	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	82832	37.63	ng	#	87
20) 3+4-Methylphenols	7.23	107	134144	38.18	ng	#	48
22) Acetophenone	7.22	105	187515	39.67	ng	#	89
24) Nitrobenzene	7.39	77	134369	39.15	ng	#	87
25) Isophorone	7.63	82	237507	39.73	ng		95
26) 2-Nitrophenol	7.71	139	70021	39.87	ng	#	91
27) 2,4-Dimethylphenol	7.76	122	118891	40.79	ng		92
28) bis(2-Chloroethoxy)methane	7.84	93	126134	36.19	ng		100
29) 2,4-Dichlorophenol	7.95	162	105121	38.83	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	116741	39.34	ng		98
31) Naphthalene	8.11	128	398661	39.61	ng		99
32) Benzoic acid	7.89	122	49641	35.52	ng		96
33) 4-Chloroaniline	8.16	127	150737	37.63	ng		98
34) Hexachlorobutadiene	8.22	225	64258	37.97	ng		98
35) Caprolactam	8.53	113	31611	42.10	ng		99
36) 4-Chloro-3-methylphenol	8.66	107	121001	39.75	ng		96
37) 2-Methylnaphthalene	8.80	142	236082	37.47	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	110781	39.73	ng		98
40) Hexachlorocyclopentadiene	8.96	237	20960	36.02	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	70849	38.97	ng		98
43) 2,4,5-Trichlorophenol	9.13	196	73719	40.51	ng	#	84
45) 1,1'-Biphenyl	9.26	154	326617	40.88	ng		97
46) 2-Chloronaphthalene	9.29	162	247712	40.78	ng		95
47) 2-Nitroaniline	9.39	65	66032	40.91	ng	#	60
48) Acenaphthylene	9.70	152	387153	38.81	ng		99
49) Dimethylphthalate	9.56	163	277522	37.89	ng	#	90
50) 2,6-Dinitrotoluene	9.63	165	66629	42.85	ng		89
51) Acenaphthene	9.87	154	218228	37.61	ng		99
52) 3-Nitroaniline	9.80	138	70575	42.29	ng	#	79
53) 2,4-Dinitrophenol	9.92	184	18668	41.00	ng		93
54) Dibenzofuran	10.04	168	304149	38.12	ng		92
55) 4-Nitrophenol	9.98	139	30210	35.47	ng		97
56) 2,4-Dinitrotoluene	10.03	165	74828	36.46	ng	#	80
57) Fluorene	10.38	166	266052	39.23	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	53141	40.97	ng		97
59) Diethylphthalate	10.26	149	267600	35.96	ng		96
60) 4-Chlorophenyl-phenylether	10.37	204	111724	35.72	ng	#	82
61) 4-Nitroaniline	10.41	138	62094	40.26	ng		91
62) Azobenzene	10.53	77	241189	39.34	ng		89
64) 4,6-Dinitro-2-methylphenol	10.45	198	34940	39.89	ng		81
65) n-Nitrosodiphenylamine	10.50	169	236840	42.10	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	76169	41.66	ng	#	84
67) Hexachlorobenzene	10.93	284	76981	38.46	ng	#	77
68) Atrazine	11.02	200	66640	39.33	ng		99
69) Pentachlorophenol	11.14	266	23851	40.46	ng		97
70) Phenanthrene	11.34	178	370973	39.65	ng		98
71) Anthracene	11.40	178	372890	38.12	ng		98
72) Carbazole	11.55	167	324254	38.96	ng		99
73) Di-n-butylphthalate	11.88	149	426553	39.79	ng	#	98
74) Fluoranthene	12.53	202	383665	37.87	ng		95
76) Benzidine	12.65	184	142109	35.20	ng		99
77) Pyrene	12.76	202	387881	37.85	ng		100
79) Butylbenzylphthalate	13.38	149	167715	39.54	ng	#	75
80) Benzo(a)anthracene	13.95	228	289472	39.62	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	98244	44.40	ng	#	96
82) Chrysene	13.99	228	287552	42.68	ng		100
83) Bis(2-ethylhexyl)phthalate	13.94	149	219700	40.08	ng	#	95
84) Di-n-octyl phthalate	14.55	149	333900	43.29	ng		99
85) Indeno(1,2,3-cd)pyrene	16.76	276	271520	40.25	ng		100
87) Benzo(b)fluoranthene	14.97	252	282204m	41.19	ng		
88) Benzo(k)fluoranthene	15.00	252	189509m	40.81	ng		
89) Benzo(a)pyrene	15.32	252	222479	39.41	ng		100
90) Dibenzo(a,h)anthracene	16.77	278	223551	40.58	ng	#	96
91) Benzo(g,h,i)perylene	17.19	276	223036	39.67	ng		98

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

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