Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123115\
Data File : BF084208.D
Acq On : 31 Dec 2015 21:26
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
UMANGI
1/4/2016 4:29:01 PM

Quant Time: Jan 01 23:59:02 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 31 14:15:57 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	327181	20.00	ng		0.00
21) Naphthalene-d8	8.19	136	1325742	20.00	ng		0.00
38) Acenaphthene-d10	9.95	164	607747	20.00	ng		0.00
63) Phenanthrene-d10	11.42	188	1085334	20.00	ng		0.00
75) Chrysene-d12	14.07	240	769315	20.00	ng		0.00
86) Perylene-d12	15.51	264	574541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1513478	74.82	ng		0.00
7) Phenol-d6	6.53	99	2089626	82.25	ng		0.00
23) Nitrobenzene-d5	7.47	82	1800707	75.59	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	505743	82.43	ng		0.00
44) 2-Fluorobiphenyl	9.26	172	2850369	82.31	ng		0.00
78) Terphenyl-d14	13.01	244	2450625	71.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	403358	42.09	ng	#	75
3) Pyridine	3.25	79	1046009	39.15	ng	#	70
4) n-Nitrosodimethylamine	3.21	42	556734	40.60	ng	#	75
6) Aniline	6.57	93	1518060	40.85	ng	#	79
8) 2-Chlorophenol	6.68	128	883762	38.51	ng		85
9) Benzaldehyde	6.45	77	636393	38.47	ng		87
10) Phenol	6.54	94	1342539	46.48	ng		90
11) bis(2-Chloroethyl)ether	6.64	93	814095	36.38	ng	#	79
12) 1,3-Dichlorobenzene	6.84	146	928765	39.23	ng	#	93
13) 1,4-Dichlorobenzene	6.92	146	999654	42.11	ng		95
14) 1,2-Dichlorobenzene	7.07	146	850445	37.41	ng		94
15) Benzyl Alcohol	7.05	79	899482	42.09	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.18	45	1568396	38.49	ng		83
17) 2-Methylphenol	7.15	107	783519	40.74	ng		95
18) Hexachloroethane	7.42	117	380896	40.12	ng	#	79
19) n-Nitroso-di-n-propylamine	7.32	70	625632	36.38	ng	#	67
20) 3+4-Methylphenols	7.31	107	842340	37.26	ng	#	74
22) Acetophenone	7.32	105	1326507	41.61	ng	#	93
24) Nitrobenzene	7.49	77	1039136	43.01	ng		89
25) Isophorone	7.73	82	1845966	40.52	ng		98
26) 2-Nitrophenol	7.80	139	433943	39.46	ng	#	75
27) 2,4-Dimethylphenol	7.85	122	915808	41.15	ng		91
28) bis(2-Chloroethoxy)methane	7.94	93	1010987	36.33	ng		99
29) 2,4-Dichlorophenol	8.04	162	701893	37.86	ng		96
30) 1,2,4-Trichlorobenzene	8.13	180	814993	42.58	ng		95
31) Naphthalene	8.21	128	2429316m	40.39	ng		
32) Benzoic acid	7.96	122	581900	41.60	ng		95
33) 4-Chloroaniline	8.26	127	1081892	39.23	ng		98
34) Hexachlorobutadiene	8.34	225	449268	40.83	ng		98
35) Caprolactam	8.64	113	226221	36.20	ng	#	38
36) 4-Chloro-3-methylphenol	8.74	107	819733	39.47	ng		96
37) 2-Methylnaphthalene	8.90	142	1595515	36.95	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.07	216	754301	43.17	ng		98
40) Hexachlorocyclopentadiene	9.06	237	463564	43.95	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.18	196	506018	38.71	ng		91
43) 2,4,5-Trichlorophenol	9.22	196	548361	43.76	ng		94
45) 1,1'-Biphenyl	9.37	154	1884405	39.01	ng		98
46) 2-Chloronaphthalene	9.39	162	1443973	38.06	ng		97
47) 2-Nitroaniline	9.48	65	476700	38.07	ng		96
48) Acenaphthylene	9.81	152	2398060	42.78	ng		98
49) Dimethylphthalate	9.68	163	1894267	43.60	ng	#	90
50) 2,6-Dinitrotoluene	9.73	165	427168	44.83	ng	#	87
51) Acenaphthene	9.98	154	1618447	43.04	ng		97
52) 3-Nitroaniline	9.89	138	438036	37.10	ng		99
53) 2,4-Dinitrophenol	10.00	184	175607	44.89	ng	#	84
54) Dibenzofuran	10.16	168	2151554	44.13	ng		99
55) 4-Nitrophenol	10.05	139	365951	42.70	ng		82
56) 2,4-Dinitrotoluene	10.13	165	586115	48.60	ng	#	81
57) Fluorene	10.49	166	1487926	39.21	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	451025	42.16	ng		90
59) Diethylphthalate	10.37	149	1819819	42.48	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	745836	47.36	ng		98
61) 4-Nitroaniline	10.51	138	437024	41.52	ng		94
62) Azobenzene	10.65	77	2002524	42.62	ng		91
64) 4,6-Dinitro-2-methylphenol	10.53	198	230733	34.93	ng	#	58
65) n-Nitrosodiphenylamine	10.60	169	1303004	37.55	ng		100
66) 4-Bromophenyl-phenylether	10.98	248	512982	43.91	ng	#	94
67) Hexachlorobenzene	11.04	284	497844	37.86	ng	#	79
68) Atrazine	11.13	200	459009	40.42	ng		96
69) Pentachlorophenol	11.23	266	303689	44.55	ng		98
70) Phenanthrene	11.46	178	2427366	42.76	ng		98
71) Anthracene	11.50	178	2325114	41.78	ng		96
72) Carbazole	11.65	167	1957748	35.98	ng		98
73) Di-n-butylphthalate	12.00	149	2598381	44.91	ng	#	95
74) Fluoranthene	12.64	202	2154681	36.33	ng		97
76) Benzidine	12.76	184	1087988	39.44	ng		99
77) Pyrene	12.87	202	2211267	36.63	ng		96
79) Butylbenzylphthalate	13.49	149	1078366	41.28	ng	#	93
80) Benzo(a)anthracene	14.05	228	1738699	38.49	ng		98
81) 3,3'-Dichlorobenzidine	14.02	252	644704	40.89	ng	#	97
82) Chrysene	14.09	228	1398359	32.21	ng		98
83) Bis(2-ethylhexyl)phthalate	14.05	149	1235655	37.44	ng	#	97
84) Di-n-octyl phthalate	14.66	149	1962288	35.22	ng	#	88
85) Indeno(1,2,3-cd)pyrene	16.92	276	1503047	43.68	ng		99
87) Benzo(b)fluoranthene	15.08	252	1692661m	45.04	ng		
88) Benzo(k)fluoranthene	15.12	252	1034571m	33.66	ng		
89) Benzo(a)pyrene	15.44	252	1310128	41.10	ng	#	95
90) Dibenzo(a,h)anthracene	16.95	278	1240815	45.23	ng		95
91) Benzo(g,h,i)perylene	17.36	276	1286334	45.28	ng		98

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

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