Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122815\
Data File : BF084162.D
Acq On : 28 Dec 2015 18:17
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Sohil
12/29/2015 4:53:38 PM

Quant Time: Dec 29 03:58:04 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	54011	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	225574	20.00	ng		-0.02
38) Acenaphthene-d10	9.82	164	103688	20.00	ng		-0.01
63) Phenanthrene-d10	11.31	188	173618	20.00	ng		-0.01
75) Chrysene-d12	13.95	240	110900	20.00	ng		-0.01
86) Perylene-d12	15.37	264	115084	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	277175	87.01	ng		-0.02
7) Phenol-d6	6.44	99	338541	85.88	ng		-0.01
23) Nitrobenzene-d5	7.36	82	321388	83.40	ng		-0.01
41) 2,4,6-Tribromophenol	10.61	330	84415	76.34	ng		-0.01
44) 2-Fluorobiphenyl	9.15	172	630507	83.20	ng		-0.01
78) Terphenyl-d14	12.89	244	466295	76.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	55312	42.36	ng		98
3) Pyridine	3.01	79	138687	43.49	ng		97
4) n-Nitrosodimethylamine	2.97	42	56599	40.28	ng		100
6) Aniline	6.44	93	210119	42.17	ng		97
8) 2-Chlorophenol	6.58	128	159770	40.39	ng		87
9) Benzaldehyde	6.33	77	107673	51.07	ng		99
10) Phenol	6.45	94	204876	45.44	ng		96
11) bis(2-Chloroethyl)ether	6.52	93	136624	42.02	ng		98
12) 1,3-Dichlorobenzene	6.72	146	174523m	40.41	ng		
13) 1,4-Dichlorobenzene	6.80	146	182587	42.01	ng		96
14) 1,2-Dichlorobenzene	6.96	146	167574	41.84	ng		95
15) Benzyl Alcohol	6.93	79	126369	42.33	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.07	45	134261	42.27	ng		73
17) 2-Methylphenol	7.06	107	129149	42.51	ng	#	92
18) Hexachloroethane	7.29	117	63755	40.19	ng	#	87
19) n-Nitroso-di-n-propylamine	7.21	70	109368	45.04	ng		95
20) 3+4-Methylphenols	7.22	107	166209	42.89	ng	#	46
22) Acetophenone	7.20	105	222690	39.51	ng	#	92
24) Nitrobenzene	7.37	77	146326	35.76	ng		93
25) Isophorone	7.61	82	273149	38.32	ng		97
26) 2-Nitrophenol	7.69	139	87788	41.92	ng	#	83
27) 2,4-Dimethylphenol	7.73	122	133477	38.40	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	181936	43.78	ng		99
29) 2,4-Dichlorophenol	7.94	162	140043	43.38	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	133855	37.84	ng	#	94
31) Naphthalene	8.09	128	451391	37.61	ng		100
32) Benzoic acid	7.88	122	44713	26.83	ng		97
33) 4-Chloroaniline	8.14	127	197503	41.36	ng		97
34) Hexachlorobutadiene	8.21	225	82244	40.76	ng		98
35) Caprolactam	8.52	113	35302	39.43	ng		96
36) 4-Chloro-3-methylphenol	8.65	107	140626	38.74	ng		93
37) 2-Methylnaphthalene	8.78	142	326502	43.46	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.96	216	131642	40.27	ng		98
40) Hexachlorocyclopentadiene	8.93	237	7149	17.59	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.07	196	82864	38.88	ng		99
43) 2,4,5-Trichlorophenol	9.12	196	90195	42.28	ng	#	83
45) 1,1'-Biphenyl	9.24	154	351185	37.49	ng		99
46) 2-Chloronaphthalene	9.28	162	273946	38.47	ng	#	90
47) 2-Nitroaniline	9.37	65	74314	39.27	ng		97
48) Acenaphthylene	9.69	152	438846	37.52	ng		100
49) Dimethylphthalate	9.55	163	321798	37.47	ng	#	91
50) 2,6-Dinitrotoluene	9.62	165	69516	38.14	ng		91
51) Acenaphthene	9.86	154	258781	38.05	ng		99
52) 3-Nitroaniline	9.79	138	82105	41.97	ng	#	69
53) 2,4-Dinitrophenol	9.90	184	15965	33.16	ng	#	70
54) Dibenzofuran	10.03	168	389076	41.59	ng		97
55) 4-Nitrophenol	9.97	139	34274m	34.33	ng		
56) 2,4-Dinitrotoluene	10.02	165	85475	35.52	ng	#	70
57) Fluorene	10.37	166	310843	39.10	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.16	232	68111	44.79	ng		88
59) Diethylphthalate	10.25	149	343389	39.37	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	143208	39.06	ng		99
61) 4-Nitroaniline	10.40	138	71501	39.55	ng		96
62) Azobenzene	10.52	77	315311	43.87	ng		99
64) 4,6-Dinitro-2-methylphenol	10.44	198	32475	33.70	ng		83
65) n-Nitrosodiphenylamine	10.48	169	250965	40.55	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	80365	39.96	ng		97
67) Hexachlorobenzene	10.92	284	90884	41.27	ng	#	92
68) Atrazine	11.01	200	82594	44.31	ng		96
69) Pentachlorophenol	11.13	266	21312	34.31	ng		100
70) Phenanthrene	11.33	178	400280	38.89	ng		99
71) Anthracene	11.38	178	399625	37.13	ng		100
72) Carbazole	11.54	167	375870	41.05	ng		99
73) Di-n-butylphthalate	11.87	149	470075	39.85	ng		99
74) Fluoranthene	12.52	202	356523	30.44	ng		94
76) Benzidine	12.64	184	154475	40.98	ng		98
77) Pyrene	12.75	202	348811	36.46	ng		98
79) Butylbenzylphthalate	13.36	149	160553	40.54	ng		95
80) Benzo(a)anthracene	13.94	228	258870	37.95	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	102324	49.53	ng	#	98
82) Chrysene	13.97	228	242275	38.51	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	200669	39.21	ng		99
84) Di-n-octyl phthalate	14.52	149	339337	47.12	ng		98
85) Indeno(1,2,3-cd)pyrene	16.76	276	344183	54.64	ng		100
87) Benzo(b)fluoranthene	14.97	252	288405m	33.75	ng		
88) Benzo(k)fluoranthene	14.99	252	251053m	43.35	ng		
89) Benzo(a)pyrene	15.31	252	267259	37.96	ng		99
90) Dibenzo(a,h)anthracene	16.76	278	284153	41.35	ng	#	94
91) Benzo(g,h,i)perylene	17.17	276	289243	41.24	ng		98

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

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