Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121915\
Data File : BF083911.D
Acq On : 18 Dec 2015 14:25
Operator : UM/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
apatel
12/22/2015 11:50:41 AM

Quant Time: Dec 19 04:23:25 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 14:23:22 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	55127	20.00	ng		-0.01
21) Naphthalene-d8	8.16	136	230585	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	103800	20.00	ng		-0.01
63) Phenanthrene-d10	11.39	188	205837	20.00	ng		0.00
75) Chrysene-d12	14.03	240	164273	20.00	ng		0.00
86) Perylene-d12	15.47	264	121659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	281870	80.02	ng		0.00
7) Phenol-d6	6.51	99	323824	75.10	ng		0.00
23) Nitrobenzene-d5	7.44	82	308615	76.39	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	95938	83.90	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	553452	73.25	ng		-0.01
78) Terphenyl-d14	12.98	244	666646	95.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	53416	34.96	ng		99
3) Pyridine	3.20	79	133415	35.31	ng		99
4) n-Nitrosodimethylamine	3.14	42	56772	39.39	ng		98
6) Aniline	6.53	93	209562	37.74	ng		91
8) 2-Chlorophenol	6.66	128	163678	39.04	ng		92
9) Benzaldehyde	6.41	77	92954	35.78	ng		96
10) Phenol	6.53	94	170008	35.34	ng	#	69
11) bis(2-Chloroethyl)ether	6.60	93	130437	35.69	ng		95
12) 1,3-Dichlorobenzene	6.81	146	169844m	37.67	ng		
13) 1,4-Dichlorobenzene	6.89	146	181009m	39.32	ng		
14) 1,2-Dichlorobenzene	7.04	146	150396	40.14	ng		94
15) Benzyl Alcohol	7.01	79	120450	36.91	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.15	45	137133	36.39	ng		98
17) 2-Methylphenol	7.14	107	121917	37.07	ng		94
18) Hexachloroethane	7.38	117	62336	36.90	ng	#	90
19) n-Nitroso-di-n-propylamine	7.29	70	97389	38.75	ng	#	88
20) 3+4-Methylphenols	7.29	107	145850	37.74	ng	#	71
22) Acetophenone	7.28	105	208628	37.58	ng	#	96
24) Nitrobenzene	7.45	77	144400	34.56	ng		93
25) Isophorone	7.70	82	290580	38.23	ng		95
26) 2-Nitrophenol	7.77	139	78040	36.08	ng	#	80
27) 2,4-Dimethylphenol	7.81	122	134356	36.06	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	170240	37.86	ng		99
29) 2,4-Dichlorophenol	8.02	162	132894	39.32	ng		97
30) 1,2,4-Trichlorobenzene	8.10	180	138629	38.19	ng		97
31) Naphthalene	8.18	128	474353	40.62	ng		99
32) Benzoic acid	7.94	122	68250	49.21	ng		93
33) 4-Chloroaniline	8.22	127	181219	34.62	ng		97
34) Hexachlorobutadiene	8.29	225	74374	32.81	ng		98
35) Caprolactam	8.60	113	36928	33.07	ng		98
36) 4-Chloro-3-methylphenol	8.72	107	148027	38.55	ng		95
37) 2-Methylnaphthalene	8.86	142	276812	34.54	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	129781	39.65	ng		99
40) Hexachlorocyclopentadiene	9.02	237	23914	34.11	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	90663	41.96	ng		98
43) 2,4,5-Trichlorophenol	9.20	196	90371	42.26	ng		96
45) 1,1'-Biphenyl	9.33	154	392971	45.12	ng		98
46) 2-Chloronaphthalene	9.36	162	277486	40.51	ng		97
47) 2-Nitroaniline	9.45	65	71351	34.76	ng		93
48) Acenaphthylene	9.77	152	450226	37.20	ng		100
49) Dimethylphthalate	9.63	163	330092	37.90	ng	#	90
50) 2,6-Dinitrotoluene	9.70	165	77789	40.94	ng		90
51) Acenaphthene	9.94	154	275238	36.99	ng		99
52) 3-Nitroaniline	9.86	138	73843	36.87	ng		96
53) 2,4-Dinitrophenol	9.97	184	28574	46.79	ng		91
54) Dibenzofuran	10.11	168	352915	36.52	ng	#	89
55) 4-Nitrophenol	10.03	139	49847	39.87	ng	#	76
56) 2,4-Dinitrotoluene	10.10	165	96826	39.76	ng		100
57) Fluorene	10.45	166	291729	39.31	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	65967	41.69	ng		99
59) Diethylphthalate	10.33	149	337501	37.48	ng		95
60) 4-Chlorophenyl-phenylether	10.45	204	143911	38.86	ng		89
61) 4-Nitroaniline	10.48	138	73254	35.35	ng		98
62) Azobenzene	10.60	77	302665	40.10	ng		86
64) 4,6-Dinitro-2-methylphenol	10.51	198	47780	38.61	ng		88
65) n-Nitrosodiphenylamine	10.57	169	270416	36.10	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	84803	33.70	ng	#	62
67) Hexachlorobenzene	11.01	284	101169	38.18	ng		96
68) Atrazine	11.09	200	80009	33.72	ng		98
69) Pentachlorophenol	11.21	266	41230	39.22	ng		98
70) Phenanthrene	11.41	178	418879	33.68	ng		98
71) Anthracene	11.47	178	471481	39.22	ng		99
72) Carbazole	11.62	167	400190	33.69	ng		99
73) Di-n-butylphthalate	11.95	149	544009	38.98	ng	#	97
74) Fluoranthene	12.60	202	436614	35.18	ng		100
76) Benzidine	12.73	184	244613	37.19	ng		98
77) Pyrene	12.83	202	451318	43.32	ng		100
79) Butylbenzylphthalate	13.45	149	226852	41.48	ng		99
80) Benzo(a)anthracene	14.02	228	382282	37.85	ng		100
81) 3,3'-Dichlorobenzidine	13.99	252	151249	40.07	ng	#	97
82) Chrysene	14.07	228	387257	39.69	ng		99
83) Bis(2-ethylhexyl)phthalate	14.01	149	316745	43.38	ng		98
84) Di-n-octyl phthalate	14.63	149	508435	44.50	ng		100
85) Indeno(1,2,3-cd)pyrene	16.91	276	282592	38.73	ng		99
87) Benzo(b)fluoranthene	15.06	252	328096	36.99	ng		98
88) Benzo(k)fluoranthene	15.08	252	300645m	41.09	ng		
89) Benzo(a)pyrene	15.41	252	288880	39.44	ng	#	98
90) Dibenzo(a,h)anthracene	16.91	278	234223	41.11	ng		99
91) Benzo(g,h,i)perylene	17.33	276	230519	41.28	ng		99

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

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