Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122215\
Data File : BF083998.D
Acq On : 22 Dec 2015 18:54
Operator : UM/SJ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF122215

Manual Integrations APPROVED
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12/23/2015 4:27:07 PM

Quant Time: Dec 23 01:19:01 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 22 18:54:09 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	51322	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	190273	20.00	ng		0.01
38) Acenaphthene-d10	9.87	164	104699	20.00	ng		0.00
63) Phenanthrene-d10	11.36	188	160170	20.00	ng		0.00
75) Chrysene-d12	14.00	240	116628	20.00	ng		0.00
86) Perylene-d12	15.43	264	110776	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	250393	83.19	ng		0.00
7) Phenol-d6	6.48	99	266229	75.22	ng		0.00
23) Nitrobenzene-d5	7.40	82	257522	83.14	ng		0.01
41) 2,4,6-Tribromophenol	10.66	330	76614	76.08	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	546701	70.27	ng		0.00
78) Terphenyl-d14	12.93	244	413045	84.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	60786	42.42	ng		97
3) Pyridine	3.10	79	148300	45.46	ng		97
4) n-Nitrosodimethylamine	3.05	42	57886	47.75	ng		97
6) Aniline	6.49	93	184373	37.64	ng	#	54
8) 2-Chlorophenol	6.62	128	132520	38.23	ng		86
9) Benzaldehyde	6.37	77	91570	38.74	ng		92
10) Phenol	6.49	94	155418	37.96	ng	#	71
11) bis(2-Chloroethyl)ether	6.57	93	117801	37.65	ng		98
12) 1,3-Dichlorobenzene	6.77	146	145447	37.77	ng		98
13) 1,4-Dichlorobenzene	6.85	146	145812m	38.78	ng		
14) 1,2-Dichlorobenzene	7.00	146	142928	39.76	ng		99
15) Benzyl Alcohol	6.98	79	115981	41.62	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.12	45	121843	40.34	ng		97
17) 2-Methylphenol	7.09	107	102687	37.19	ng		95
18) Hexachloroethane	7.34	117	55578	40.30	ng		99
19) n-Nitroso-di-n-propylamine	7.25	70	83366	38.87	ng		99
20) 3+4-Methylphenols	7.25	107	132883	39.00	ng	#	60
22) Acetophenone	7.24	105	174498	39.09	ng		95
24) Nitrobenzene	7.41	77	127340	39.89	ng		97
25) Isophorone	7.65	82	221464	37.74	ng		99
26) 2-Nitrophenol	7.73	139	71407	41.57	ng		90
27) 2,4-Dimethylphenol	7.78	122	121549	40.59	ng		96
28) bis(2-Chloroethoxy)methane	7.87	93	154070	42.38	ng		98
29) 2,4-Dichlorophenol	7.98	162	105367	39.39	ng		95
30) 1,2,4-Trichlorobenzene	8.06	180	115221	41.29	ng		95
31) Naphthalene	8.13	128	377962	38.88	ng		99
32) Benzoic acid	7.90	122	51484	38.46	ng		93
33) 4-Chloroaniline	8.19	127	167376	42.11	ng	#	93
34) Hexachlorobutadiene	8.26	225	68803	41.25	ng		97
35) Caprolactam	8.56	113	30131	37.48	ng		98
36) 4-Chloro-3-methylphenol	8.68	107	124568	43.53	ng		99
37) 2-Methylnaphthalene	8.83	142	268718	42.69	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.00	216	120285	38.22	ng		97
40) Hexachlorocyclopentadiene	8.99	237	29544	36.69	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.12	196	70146	37.01	ng		99
43) 2,4,5-Trichlorophenol	9.16	196	71536	36.26	ng		98
45) 1,1'-Biphenyl	9.30	154	338364	36.56	ng		96
46) 2-Chloronaphthalene	9.32	162	249828	37.50	ng		94
47) 2-Nitroaniline	9.41	65	66263	36.48	ng		90
48) Acenaphthylene	9.73	152	418250	39.64	ng		99
49) Dimethylphthalate	9.60	163	297910	36.36	ng	#	91
50) 2,6-Dinitrotoluene	9.65	165	62118	35.93	ng	#	52
51) Acenaphthene	9.90	154	246190	39.24	ng		100
52) 3-Nitroaniline	9.82	138	70396	38.33	ng		93
53) 2,4-Dinitrophenol	9.94	184	25111	38.55	ng	#	87
54) Dibenzofuran	10.08	168	384464	40.94	ng		94
55) 4-Nitrophenol	10.01	139	40348	37.39	ng		89
56) 2,4-Dinitrotoluene	10.06	165	92694	42.64	ng		94
57) Fluorene	10.42	166	297816	40.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.20	232	69840	44.90	ng		89
59) Diethylphthalate	10.29	149	310565	38.57	ng		96
60) 4-Chlorophenyl-phenylether	10.41	204	124912	36.64	ng	#	84
61) 4-Nitroaniline	10.44	138	79708	42.42	ng		89
62) Azobenzene	10.57	77	266361	37.47	ng		91
64) 4,6-Dinitro-2-methylphenol	10.48	198	44657	47.70	ng		98
65) n-Nitrosodiphenylamine	10.53	169	262722	44.41	ng		99
66) 4-Bromophenyl-phenylether	10.90	248	82280	44.80	ng	#	82
67) Hexachlorobenzene	10.97	284	72457	36.14	ng	#	72
68) Atrazine	11.06	200	74205	41.49	ng		97
69) Pentachlorophenol	11.17	266	23197	35.80	ng		97
70) Phenanthrene	11.38	178	374756	41.40	ng		99
71) Anthracene	11.44	178	362715	39.45	ng		98
72) Carbazole	11.58	167	340187	39.57	ng		100
73) Di-n-butylphthalate	11.92	149	436208	40.87	ng	#	98
74) Fluoranthene	12.57	202	388181	43.24	ng		96
76) Benzidine	12.68	184	202949	48.79	ng		99
77) Pyrene	12.80	202	348465	44.04	ng		99
79) Butylbenzylphthalate	13.41	149	165088	45.36	ng	#	80
80) Benzo(a)anthracene	13.99	228	273969	40.74	ng		100
81) 3,3'-Dichlorobenzidine	13.94	252	99370	39.29	ng	#	97
82) Chrysene	14.02	228	265084m	42.46	ng		
83) Bis(2-ethylhexyl)phthalate	13.97	149	217535	43.10	ng	#	98
84) Di-n-octyl phthalate	14.58	149	363152	46.79	ng		99
85) Indeno(1,2,3-cd)pyrene	16.83	276	257361	49.83	ng		100
87) Benzo(b)fluoranthene	15.01	252	232655m	33.31	ng		
88) Benzo(k)fluoranthene	15.04	252	240802m	36.26	ng		
89) Benzo(a)pyrene	15.37	252	253273	39.16	ng	#	98
90) Dibenzo(a,h)anthracene	16.84	278	213077	39.75	ng	#	96
91) Benzo(g,h,i)perylene	17.25	276	244936	45.18	ng		98

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

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