Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF121315\
Data File : BF083733.D
Acq On : 13 Dec 2015 17:05
Operator : UM/IZ
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : ICVBF121315

Manual Integrations APPROVED
MMdadoda
12/14/2015 6:23:39 PM

Quant Time: Dec 14 02:29:15 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 14 01:30:12 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	126758	20.00	ng		0.00
21) Naphthalene-d8	8.20	136	486946	20.00	ng		-0.01
38) Acenaphthene-d10	9.96	164	231063	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	425614	20.00	ng		-0.01
75) Chrysene-d12	14.07	240	291798	20.00	ng		-0.01
86) Perylene-d12	15.49	264	222355	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	612787	77.99	ng		-0.01
7) Phenol-d6	6.54	99	775605	77.95	ng		0.00
23) Nitrobenzene-d5	7.48	82	711861	81.79	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	186168	79.07	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1243201	76.48	ng		-0.01
78) Terphenyl-d14	13.01	244	1028047	75.78	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	150558	39.63	ng	#	81
3) Pyridine	3.29	79	392759	41.09	ng		84
4) n-Nitrosodimethylamine	3.23	42	144734	40.02	ng	#	64
6) Aniline	6.58	93	543373	40.20	ng	#	84
8) 2-Chlorophenol	6.70	128	387078	41.92	ng	#	81
9) Benzaldehyde	6.46	77	219817	41.13	ng		83
10) Phenol	6.56	94	456790	39.88	ng	#	75
11) bis(2-Chloroethyl)ether	6.65	93	315995	38.10	ng		96
12) 1,3-Dichlorobenzene	6.86	146	402215m	41.05	ng		
13) 1,4-Dichlorobenzene	6.93	146	386598	39.04	ng		97
14) 1,2-Dichlorobenzene	7.09	146	380556	42.77	ng		99
15) Benzyl Alcohol	7.06	79	315174	43.11	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	437487	40.62	ng		68
17) 2-Methylphenol	7.17	107	306910	41.34	ng	#	83
18) Hexachloroethane	7.44	117	142904	40.64	ng	#	84
19) n-Nitroso-di-n-propylamine	7.33	70	226232	37.13	ng		89
20) 3+4-Methylphenols	7.32	107	336282	38.37	ng	#	75
22) Acetophenone	7.33	105	501111	41.95	ng	#	87
24) Nitrobenzene	7.50	77	379281	41.87	ng	#	69
25) Isophorone	7.74	82	704108	41.23	ng	#	93
26) 2-Nitrophenol	7.81	139	174595	40.12	ng		90
27) 2,4-Dimethylphenol	7.86	122	352886	41.27	ng		94
28) bis(2-Chloroethoxy)methane	7.95	93	377612	38.75	ng	#	96
29) 2,4-Dichlorophenol	8.05	162	275518	39.25	ng		94
30) 1,2,4-Trichlorobenzene	8.14	180	294074	40.40	ng		97
31) Naphthalene	8.22	128	998347	39.33	ng		98
32) Benzoic acid	7.96	122	215924	40.52	ng		93
33) 4-Chloroaniline	8.27	127	452358	43.63	ng	#	88
34) Hexachlorobutadiene	8.35	225	170010	42.56	ng		98
35) Caprolactam	8.64	113	88683	39.34	ng	#	71
36) 4-Chloro-3-methylphenol	8.75	107	354269	43.14	ng		88
37) 2-Methylnaphthalene	8.91	142	643778	40.40	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.08	216	266262	39.06	ng	#	100
40) Hexachlorocyclopentadiene	9.08	237	152974	44.29	ng		95

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42) 2,4,6-Trichlorophenol	9.20	196	201207	40.33	ng		97
43) 2,4,5-Trichlorophenol	9.23	196	208159	43.98	ng		95
45) 1,1'-Biphenyl	9.38	154	802353	39.18	ng		97
46) 2-Chloronaphthalene	9.40	162	601045	39.76	ng	#	91
47) 2-Nitroaniline	9.49	65	203092	47.37	ng	#	68
48) Acenaphthylene	9.81	152	988041	38.85	ng		99
49) Dimethylphthalate	9.68	163	698990	38.80	ng		100
50) 2,6-Dinitrotoluene	9.73	165	155204	40.59	ng		91
51) Acenaphthene	10.00	154	615614	40.04	ng		93
52) 3-Nitroaniline	9.90	138	198631	45.06	ng	#	64
53) 2,4-Dinitrophenol	10.00	184	57440	38.45	ng	#	1
54) Dibenzofuran	10.16	168	780141	38.30	ng	#	90
55) 4-Nitrophenol	10.05	139	158978	48.71	ng	#	78
56) 2,4-Dinitrotoluene	10.13	165	203051	40.66	ng	#	82
57) Fluorene	10.50	166	597452	37.24	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.27	232	142441	40.12	ng	#	100
59) Diethylphthalate	10.37	149	738045	40.47	ng		98
60) 4-Chlorophenyl-phenylether	10.50	204	312653	42.74	ng		95
61) 4-Nitroaniline	10.51	138	159453	41.04	ng		93
62) Azobenzene	10.65	77	701514	42.20	ng		95
64) 4,6-Dinitro-2-methylphenol	10.54	198	114037	47.09	ng	#	57
65) n-Nitrosodiphenylamine	10.61	169	621254	42.68	ng		98
66) 4-Bromophenyl-phenylether	10.98	248	189020	39.72	ng	#	77
67) Hexachlorobenzene	11.05	284	200265	38.89	ng	#	88
68) Atrazine	11.14	200	196068	47.34	ng		99
69) Pentachlorophenol	11.24	266	130427	44.91	ng		98
70) Phenanthrene	11.46	178	899872	39.80	ng		99
71) Anthracene	11.52	178	988108	42.08	ng		100
72) Carbazole	11.66	167	931562	42.58	ng		98
73) Di-n-butylphthalate	12.00	149	1056229	39.75	ng		99
74) Fluoranthene	12.65	202	938593	40.18	ng		96
76) Benzidine	12.76	184	398666	44.84	ng		99
77) Pyrene	12.87	202	938309	40.68	ng		98
79) Butylbenzylphthalate	13.49	149	425891	43.03	ng	#	82
80) Benzo(a)anthracene	14.05	228	662629	39.94	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	240511	40.18	ng	#	95
82) Chrysene	14.09	228	642464	39.70	ng		99
83) Bis(2-ethylhexyl)phthalate	14.05	149	462750	41.08	ng		99
84) Di-n-octyl phthalate	14.66	149	745681	41.65	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.92	276	657781	41.38	ng	#	100
87) Benzo(b)fluoranthene	15.08	252	545619	38.46	ng	#	98
88) Benzo(k)fluoranthene	15.12	252	570148m	44.36	ng		
89) Benzo(a)pyrene	15.44	252	526574	41.60	ng		100
90) Dibenzo(a,h)anthracene	16.95	278	546431	43.41	ng		97
91) Benzo(g,h,i)perylene	17.36	276	561924	43.43	ng		100

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

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