Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084076.D
Acq On : 24 Dec 2015 13:38
Operator : UM/SJ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
12/28/2015 1:08:38 PM

Quant Time: Dec 24 15:23:03 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 15:05:54 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51394	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	201708	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	97856	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	175163	20.00	ng		0.00
75) Chrysene-d12	13.95	240	132023	20.00	ng		-0.01
86) Perylene-d12	15.37	264	101204	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	61054	20.26	ng		0.00
7) Phenol-d6	6.45	99	70974	20.03	ng		0.00
23) Nitrobenzene-d5	7.37	82	70901	21.59	ng		0.00
41) 2,4,6-Tribromophenol	10.62	330	21229	22.55	ng		0.00
44) 2-Fluorobiphenyl	9.16	172	153427	21.10	ng		0.00
78) Terphenyl-d14	12.90	244	161831	29.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	12934	9.01	ng		94
3) Pyridine	3.09	79	30451	9.32	ng		96
4) n-Nitrosodimethylamine	3.00	42	11605	9.56	ng		97
6) Aniline	6.45	93	48604	9.91	ng		89
8) 2-Chlorophenol	6.59	128	37371	10.77	ng		90
9) Benzaldehyde	6.35	77	22345	9.44	ng		89
10) Phenol	6.46	94	43805	10.68	ng		88
11) bis(2-Chloroethyl)ether	6.53	93	31270	9.98	ng		95
12) 1,3-Dichlorobenzene	6.74	146	42321	10.97	ng		98
13) 1,4-Dichlorobenzene	6.82	146	40623m	10.79	ng		
14) 1,2-Dichlorobenzene	6.97	146	41237	11.45	ng		99
15) Benzyl Alcohol	6.94	79	31324	11.23	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.08	45	31757	10.50	ng		76
17) 2-Methylphenol	7.07	107	30737	11.12	ng	#	94
18) Hexachloroethane	7.31	117	16413	11.88	ng		97
19) n-Nitroso-di-n-propylamine	7.21	70	23506	10.94	ng	#	81
20) 3+4-Methylphenols	7.23	107	37179	10.90	ng	#	47
22) Acetophenone	7.21	105	54754	11.57	ng	#	94
24) Nitrobenzene	7.38	77	38634	11.42	ng		95
25) Isophorone	7.62	82	64549	10.37	ng		97
26) 2-Nitrophenol	7.70	139	19072	10.47	ng	#	69
27) 2,4-Dimethylphenol	7.76	122	29211	9.20	ng		94
28) bis(2-Chloroethoxy)methane	7.84	93	41093	10.66	ng		99
29) 2,4-Dichlorophenol	7.95	162	29850	10.53	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	32635	11.03	ng		97
31) Naphthalene	8.11	128	108957	10.57	ng		98
32) Benzoic acid	7.85	122	11873	8.82	ng		95
33) 4-Chloroaniline	8.16	127	45967	10.91	ng		98
34) Hexachlorobutadiene	8.22	225	19004	10.75	ng		99
35) Caprolactam	8.50	113	8152	9.57	ng		91
36) 4-Chloro-3-methylphenol	8.65	107	33690	11.11	ng	#	83
37) 2-Methylnaphthalene	8.80	142	75188	11.27	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	31212	10.61	ng		96
40) Hexachlorocyclopentadiene	8.96	237	2216	3.24	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	22152	12.50	ng		95
43) 2,4,5-Trichlorophenol	9.13	196	21889	11.87	ng	#	89
45) 1,1'-Biphenyl	9.25	154	89356	10.33	ng		99
46) 2-Chloronaphthalene	9.29	162	67010	10.76	ng	#	89
47) 2-Nitroaniline	9.38	65	18017	10.61	ng		96
48) Acenaphthylene	9.70	152	117102	11.87	ng		99
49) Dimethylphthalate	9.56	163	84180	10.99	ng	#	91
50) 2,6-Dinitrotoluene	9.62	165	16973	10.50	ng	#	50
51) Acenaphthene	9.87	154	68151	11.62	ng		98
52) 3-Nitroaniline	9.79	138	19534	11.38	ng		95
53) 2,4-Dinitrophenol	9.92	184	1609	2.83	ng		99
54) Dibenzofuran	10.04	168	96851	11.03	ng		97
55) 4-Nitrophenol	9.98	139	8039	7.97	ng		91
56) 2,4-Dinitrotoluene	10.03	165	24716	12.17	ng		86
57) Fluorene	10.38	166	80813	11.62	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	14633	10.07	ng		92
59) Diethylphthalate	10.26	149	87821	11.67	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	38038	11.94	ng		92
61) 4-Nitroaniline	10.40	138	16536	9.42	ng	#	77
62) Azobenzene	10.53	77	66725	10.04	ng		95
64) 4,6-Dinitro-2-methylphenol	10.44	198	7516	7.34	ng		93
65) n-Nitrosodiphenylamine	10.49	169	65303	10.09	ng		97
66) 4-Bromophenyl-phenylether	10.86	248	20504	10.21	ng	#	90
67) Hexachlorobenzene	10.93	284	23999	10.95	ng	#	92
68) Atrazine	11.02	200	19317	9.88	ng		92
69) Pentachlorophenol	11.14	266	3599	5.27	ng		98
70) Phenanthrene	11.34	178	126939	12.82	ng		98
71) Anthracene	11.39	178	118764	11.81	ng		100
72) Carbazole	11.55	167	107178	11.40	ng		98
73) Di-n-butylphthalate	11.88	149	133231	11.41	ng		99
74) Fluoranthene	12.53	202	149095	15.19	ng		94
76) Benzidine	12.65	184	50269	10.68	ng		99
77) Pyrene	12.76	202	138348	15.45	ng		99
79) Butylbenzylphthalate	13.37	149	46539	11.30	ng		92
80) Benzo(a)anthracene	13.95	228	94049	12.35	ng		98
81) 3,3'-Dichlorobenzidine	13.91	252	25167	8.79	ng	#	97
82) Chrysene	13.99	228	85716	12.13	ng		98
83) Bis(2-ethylhexyl)phthalate	13.94	149	61223	10.72	ng	#	96
84) Di-n-octyl phthalate	14.55	149	85962	9.78	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	69911	11.96	ng		100
87) Benzo(b)fluoranthene	14.97	252	82649m	12.95	ng		
88) Benzo(k)fluoranthene	15.00	252	51855m	8.55	ng		
89) Benzo(a)pyrene	15.32	252	60930	10.31	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	59332	12.12	ng		97
91) Benzo(g,h,i)perylene	17.19	276	58678	11.85	ng		98

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

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