Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122415\
Data File : BF084080.D
Acq On : 24 Dec 2015 15:32
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
Sohil
12/28/2015 1:08:51 PM

Quant Time: Dec 24 16:05:24 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 15:37:25 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	47595	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	189224	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	85789	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	160421	20.00	ng		0.00
75) Chrysene-d12	13.96	240	109506	20.00	ng		0.00
86) Perylene-d12	15.38	264	89964	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	344159	60.59	ng		0.00
7) Phenol-d6	6.46	99	414294	58.58	ng		0.01
23) Nitrobenzene-d5	7.38	82	402995	62.06	ng		0.01
41) 2,4,6-Tribromophenol	10.64	330	114584	63.66	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	684272	53.57	ng		0.00
78) Terphenyl-d14	12.90	244	676342	54.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	69758	60.82	ng		99
3) Pyridine	3.06	79	192554	71.42	ng		98
4) n-Nitrosodimethylamine	3.01	42	76923	69.24	ng		93
6) Aniline	6.46	93	254764	57.34	ng		91
8) 2-Chlorophenol	6.59	128	199218	55.74	ng		99
9) Benzaldehyde	6.35	77	101647	51.78	ng		91
10) Phenol	6.48	94	257862	64.11	ng		98
11) bis(2-Chloroethyl)ether	6.54	93	175653	60.91	ng		98
12) 1,3-Dichlorobenzene	6.74	146	216377m	55.21	ng		
13) 1,4-Dichlorobenzene	6.82	146	235144	61.27	ng		95
14) 1,2-Dichlorobenzene	6.98	146	194784	54.07	ng		93
15) Benzyl Alcohol	6.96	79	157087	58.48	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.08	45	160585	56.31	ng	#	1
17) 2-Methylphenol	7.08	107	159642	58.92	ng	#	89
18) Hexachloroethane	7.31	117	81837	57.28	ng		94
19) n-Nitroso-di-n-propylamine	7.23	70	126585	58.19	ng	#	91
20) 3+4-Methylphenols	7.23	107	190889	54.96	ng	#	61
22) Acetophenone	7.22	105	264064	54.53	ng	#	93
24) Nitrobenzene	7.39	77	188584	53.28	ng		98
25) Isophorone	7.64	82	348179	57.43	ng	#	92
26) 2-Nitrophenol	7.71	139	116624	68.26	ng		96
27) 2,4-Dimethylphenol	7.76	122	175012	59.24	ng		98
28) bis(2-Chloroethoxy)methane	7.85	93	200508	56.82	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	164535	60.58	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	170649	55.84	ng		99
31) Naphthalene	8.11	128	587675	56.43	ng		100
32) Benzoic acid	7.92	122	94902	84.78	ng		96
33) 4-Chloroaniline	8.17	127	250529	62.69	ng	#	90
34) Hexachlorobutadiene	8.24	225	98816	57.73	ng		99
35) Caprolactam	8.56	113	46911	62.65	ng		96
36) 4-Chloro-3-methylphenol	8.66	107	171506	56.09	ng		92
37) 2-Methylnaphthalene	8.80	142	347955	53.86	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	154743	55.58	ng		98
40) Hexachlorocyclopentadiene	8.96	237	44730	99.52	ng		97

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122415.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	106599	60.56	ng		94
43) 2,4,5-Trichlorophenol	9.14	196	105260	59.62	ng		100
45) 1,1'-Biphenyl	9.26	154	437899	54.45	ng		99
46) 2-Chloronaphthalene	9.29	162	331428	55.12	ng		99
47) 2-Nitroaniline	9.39	65	100835	64.41	ng	#	83
48) Acenaphthylene	9.70	152	540530	55.01	ng		99
49) Dimethylphthalate	9.57	163	407673	56.60	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	81618	54.04	ng	#	52
51) Acenaphthene	9.87	154	315376	55.21	ng		100
52) 3-Nitroaniline	9.80	138	84600	51.87	ng		95
53) 2,4-Dinitrophenol	9.92	184	33390	100.79	ng		93
54) Dibenzofuran	10.04	168	419428	52.77	ng	#	89
55) 4-Nitrophenol	9.98	139	52658	70.44	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	125464	61.73	ng		96
57) Fluorene	10.38	166	358644	52.98	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	73450	58.55	ng		99
59) Diethylphthalate	10.27	149	448350	61.02	ng		99
60) 4-Chlorophenyl-phenylether	10.38	204	173323	56.42	ng		88
61) 4-Nitroaniline	10.42	138	87612	58.84	ng		95
62) Azobenzene	10.54	77	363603	61.95	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	59857	83.56	ng		96
65) n-Nitrosodiphenylamine	10.50	169	307365	52.00	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	102601	53.20	ng	#	68
67) Hexachlorobenzene	10.94	284	119555	58.36	ng	#	89
68) Atrazine	11.04	200	108747	62.74	ng		95
69) Pentachlorophenol	11.14	266	38545	77.34	ng		99
70) Phenanthrene	11.34	178	495885	39.41	ng		98
71) Anthracene	11.40	178	563634	54.07	ng		100
72) Carbazole	11.56	167	480208	51.27	ng		97
73) Di-n-butylphthalate	11.88	149	572561	50.11	ng	#	97
74) Fluoranthene	12.53	202	527291	34.71	ng		98
76) Benzidine	12.65	184	201688	54.48	ng		97
77) Pyrene	12.76	202	526392	41.65	ng		99
79) Butylbenzylphthalate	13.38	149	240489	61.35	ng		86
80) Benzo(a)anthracene	13.95	228	389858	48.86	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	118904	56.86	ng	#	95
82) Chrysene	13.99	228	323800	43.29	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	289522	55.72	ng	#	97
84) Di-n-octyl phthalate	14.55	149	418377	57.66	ng		100
85) Indeno(1,2,3-cd)pyrene	16.77	276	402663	65.94	ng		99
87) Benzo(b)fluoranthene	14.98	252	347392m	49.01	ng		
88) Benzo(k)fluoranthene	15.00	252	293774m	58.50	ng		
89) Benzo(a)pyrene	15.32	252	309625	54.62	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	333260	62.15	ng		98
91) Benzo(g,h,i)perylene	17.19	276	344584	63.18	ng		99

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

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