Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
Data File : BF084118.D
Acq On : 25 Dec 2015 9:46
Operator : UM/SJ
Sample : G4951-11MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-1-122315MSD

Manual Integrations APPROVED
Sohil
12/28/2015 1:10:19 PM

Quant Time: Dec 26 02:31:02 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 16:48:39 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	51806	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	197417	20.00	ng		0.00
38) Acenaphthene-d10	9.84	164	89436	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	159192	20.00	ng		0.00
75) Chrysene-d12	13.96	240	108880	20.00	ng		0.00
86) Perylene-d12	15.38	264	95321	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	191733	62.75	ng		0.01
7) Phenol-d6	6.45	99	151943	40.19	ng		0.00
23) Nitrobenzene-d5	7.37	82	294902	87.44	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	142995	149.93	ng		0.01
44) 2-Fluorobiphenyl	9.16	172	561851	85.96	ng		0.00
78) Terphenyl-d14	12.90	244	387671	64.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	20514	16.38	ng	#	90
3) Pyridine	3.14	79	47620	15.57	ng		96
4) n-Nitrosodimethylamine	3.05	42	24307	18.04	ng		89
6) Aniline	6.46	93	116083	24.29	ng		97
8) 2-Chlorophenol	6.59	128	135764	35.78	ng		98
9) Benzaldehyde	6.35	77	46569	23.03	ng		88
10) Phenol	6.46	94	65049	15.04	ng	#	1
11) bis(2-Chloroethyl)ether	6.53	93	131844	42.28	ng		96
12) 1,3-Dichlorobenzene	6.74	146	163099	39.37	ng		99
13) 1,4-Dichlorobenzene	6.82	146	160114m	38.41	ng		
14) 1,2-Dichlorobenzene	6.97	146	150640	39.21	ng		98
15) Benzyl Alcohol	6.96	79	87035	30.40	ng		91
16) 2,2'-oxybis(1-Chloropropan	7.08	45	122872	40.33	ng	#	31
17) 2-Methylphenol	7.08	107	84741	29.08	ng	#	81
18) Hexachloroethane	7.31	117	59515	39.12	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	95408	40.97	ng	#	85
20) 3+4-Methylphenols	7.23	107	105823	28.47	ng	#	51
22) Acetophenone	7.22	105	217438	44.08	ng	#	85
24) Nitrobenzene	7.39	77	165158	46.12	ng		91
25) Isophorone	7.63	82	283339	45.42	ng		97
26) 2-Nitrophenol	7.71	139	83067	45.33	ng		93
27) 2,4-Dimethylphenol	7.76	122	126805	41.69	ng		98
28) bis(2-Chloroethoxy)methane	7.84	93	159032	43.72	ng		99
29) 2,4-Dichlorophenol	7.96	162	118170	41.83	ng		94
30) 1,2,4-Trichlorobenzene	8.03	180	130908	42.28	ng		98
31) Naphthalene	8.11	128	460640	43.86	ng		99
32) Benzoic acid	7.88	122	20949	14.36	ng		96
33) 4-Chloroaniline	8.17	127	124091	29.69	ng	#	90
34) Hexachlorobutadiene	8.22	225	71472	40.48	ng		98
35) Caprolactam	8.66	113	12144	15.50	ng	#	24
36) 4-Chloro-3-methylphenol	8.66	107	130118	40.96	ng		98
37) 2-Methylnaphthalene	8.80	142	296706	45.13	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	128012	45.40	ng		99
40) Hexachlorocyclopentadiene	8.96	237	54454	69.94	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	77609	42.22	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	86322	46.91	ng		94
45) 1,1'-Biphenyl	9.26	154	385276	47.68	ng		98
46) 2-Chloronaphthalene	9.29	162	275632	44.87	ng		98
47) 2-Nitroaniline	9.39	65	86468	52.98	ng	#	85
48) Acenaphthylene	9.70	152	410587	40.70	ng		99
49) Dimethylphthalate	9.57	163	365431	49.34	ng	#	91
50) 2,6-Dinitrotoluene	9.63	165	70083	44.57	ng	#	65
51) Acenaphthene	9.87	154	249581	42.54	ng		100
52) 3-Nitroaniline	9.80	138	44638	26.45	ng		87
53) 2,4-Dinitrophenol	9.92	184	56235	88.31	ng		91
54) Dibenzofuran	10.04	168	362645	44.95	ng	#	89
55) 4-Nitrophenol	10.00	139	28747	33.38	ng	#	79
56) 2,4-Dinitrotoluene	10.04	165	104300	50.25	ng		93
57) Fluorene	10.38	166	290781	42.40	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.18	232	68036	51.87	ng	#	93
59) Diethylphthalate	10.27	149	351141	46.67	ng		99
60) 4-Chlorophenyl-phenylether	10.37	204	129698	41.01	ng	#	75
61) 4-Nitroaniline	10.42	138	68104	43.67	ng		96
62) Azobenzene	10.53	77	303491	48.96	ng		88
64) 4,6-Dinitro-2-methylphenol	10.45	198	42705	48.33	ng		98
65) n-Nitrosodiphenylamine	10.50	169	258332	45.52	ng		99
66) 4-Bromophenyl-phenylether	10.86	248	82517	44.74	ng	#	70
67) Hexachlorobenzene	10.94	284	94883	46.99	ng	#	87
68) Atrazine	11.05	200	70125	41.03	ng		99
69) Pentachlorophenol	11.14	266	81445	118.52	ng		98
70) Phenanthrene	11.34	178	406359	43.06	ng		98
71) Anthracene	11.40	178	452945	45.90	ng		100
72) Carbazole	11.56	167	406079	48.37	ng		98
73) Di-n-butylphthalate	11.88	149	481093	44.48	ng	#	97
74) Fluoranthene	12.53	202	408915	40.75	ng		98
77) Pyrene	12.76	202	419613	44.67	ng		100
79) Butylbenzylphthalate	13.38	149	187987	48.34	ng		87
80) Benzo(a)anthracene	13.95	228	311633	46.53	ng		99
81) 3,3'-Dichlorobenzidine	13.91	252	24121	11.89	ng	#	94
82) Chrysene	13.99	228	269365	43.61	ng		99
83) Bis(2-ethylhexyl)phthalate	13.94	149	240893	47.94	ng	#	97
84) Di-n-octyl phthalate	14.55	149	359839	50.90	ng	#	99
85) Indeno(1,2,3-cd)pyrene	16.77	276	327374	52.93	ng		99
87) Benzo(b)fluoranthene	14.98	252	294991m	41.67	ng		
88) Benzo(k)fluoranthene	15.00	252	257964m	53.77	ng		
89) Benzo(a)pyrene	15.32	252	270443	46.37	ng	#	98
90) Dibenzo(a,h)anthracene	16.77	278	271932	47.78	ng		98
91) Benzo(g,h,i)perylene	17.19	276	276754	47.64	ng		98

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

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