Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120415\
Data File : BG019937.D
Acq On : 5 Dec 2015 11:52
Operator : UM/NP
Sample : PB87014BSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB87014BSD

Manual Integrations APPROVED
Mmdadoda
12/7/2015 6:29:48 PM

Quant Time: Dec 07 04:57:41 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG120215.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 02 18:50:01 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	33418	20.00	ng		-0.02
21) Naphthalene-d8	10.94	136	142895	20.00	ng		-0.02
38) Acenaphthene-d10	14.74	164	99469	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	252133	20.00	ng		-0.02
75) Chrysene-d12	21.76	240	302463	20.00	ng		-0.03
86) Perylene-d12	25.05	264	281296	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	165781	89.66	ng		0.00
7) Phenol-d6	7.26	99	243271	87.14	ng		0.00
23) Nitrobenzene-d5	9.29	82	232070	82.88	ng		-0.02
41) 2,4,6-Tribromophenol	16.23	330	119318	78.40	ng		-0.01
44) 2-Fluorobiphenyl	13.37	172	556411	76.38	ng		-0.02
78) Terphenyl-d14	20.09	244	970537	78.27	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	23792	33.03	ng	#	100
3) Pyridine	3.93	79	75854	34.67	ng	#	85
4) n-Nitrosodimethylamine	3.84	42	40303	35.03	ng		83
6) Aniline	7.43	93	103262	28.56	ng	#	85
8) 2-Chlorophenol	7.68	128	92620	41.08	ng		93
9) Benzaldehyde	7.25	77	19416	10.43	ng		95
10) Phenol	7.29	94	126794	43.15	ng		78
11) bis(2-Chloroethyl)ether	7.53	93	83189	38.23	ng		91
12) 1,3-Dichlorobenzene	8.00	146	93861	36.73	ng	#	90
13) 1,4-Dichlorobenzene	8.15	146	97284	36.86	ng		95
14) 1,2-Dichlorobenzene	8.47	146	93079	36.97	ng		95
15) Benzyl Alcohol	8.35	79	101206	41.31	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.65	45	131263	36.99	ng		93
17) 2-Methylphenol	8.55	107	86697	41.80	ng	#	92
18) Hexachloroethane	9.21	117	35791	36.21	ng		94
19) n-Nitroso-di-n-propylamine	8.92	70	78860	35.82	ng	#	86
20) 3+4-Methylphenols	8.88	107	120654	41.31	ng		94
22) Acetophenone	8.94	105	142099	36.28	ng	#	93
24) Nitrobenzene	9.33	77	120720	39.75	ng		90
25) Isophorone	9.85	82	216392	36.05	ng		97
26) 2-Nitrophenol	10.04	139	51262	43.70	ng	#	73
27) 2,4-Dimethylphenol	10.09	122	100482	41.14	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	122586	41.79	ng		100
29) 2,4-Dichlorophenol	10.57	162	106342	42.61	ng		92
30) 1,2,4-Trichlorobenzene	10.80	180	103653	36.75	ng		97
31) Naphthalene	10.98	128	291892	38.13	ng		98
32) Benzoic acid	10.21	122	73192	44.90	ng		87
33) 4-Chloroaniline	11.08	127	70562	20.92	ng	#	90
34) Hexachlorobutadiene	11.27	225	72450	34.83	ng		96
35) Caprolactam	11.86	113	37236m	40.08	ng		
36) 4-Chloro-3-methylphenol	12.19	107	122470	39.41	ng		95
37) 2-Methylnaphthalene	12.58	142	222076	39.59	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	138575	36.71	ng		99
40) Hexachlorocyclopentadiene	12.93	237	158040	73.43	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.18	196	96251	38.51	ng		100
43) 2,4,5-Trichlorophenol	13.25	196	109143	41.32	ng		97
45) 1,1'-Biphenyl	13.58	154	296751	36.35	ng		99
46) 2-Chloronaphthalene	13.63	162	238976	37.98	ng		95
47) 2-Nitroaniline	13.82	65	88221	44.39	ng		89
48) Acenaphthylene	14.47	152	401077	37.42	ng		98
49) Dimethylphthalate	14.20	163	328772	36.74	ng		99
50) 2,6-Dinitrotoluene	14.31	165	72578	43.14	ng	#	78
51) Acenaphthene	14.81	154	249772	38.41	ng		99
52) 3-Nitroaniline	14.64	138	58996	33.76	ng		98
53) 2,4-Dinitrophenol	14.84	184	84546	92.77	ng	#	81
54) Dibenzofuran	15.14	168	400589	41.41	ng		93
55) 4-Nitrophenol	14.94	139	128568	84.47	ng	#	71
56) 2,4-Dinitrotoluene	15.10	165	106738	45.48	ng	#	88
57) Fluorene	15.79	166	326589	37.71	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.36	232	107974	44.17	ng		97
59) Diethylphthalate	15.55	149	347060	35.84	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	179420	36.09	ng		96
61) 4-Nitroaniline	15.81	138	81622	41.52	ng	#	76
62) Azobenzene	16.07	77	331542	41.15	ng		95
64) 4,6-Dinitro-2-methylphenol	15.86	198	63472	45.22	ng		91
65) n-Nitrosodiphenylamine	16.00	169	297919	40.83	ng		98
66) 4-Bromophenyl-phenylether	16.68	248	120645	38.51	ng		98
67) Hexachlorobenzene	16.79	284	127798	39.16	ng		97
68) Atrazine	16.94	200	107395	33.88	ng		96
69) Pentachlorophenol	17.14	266	168463	88.44	ng		93
70) Phenanthrene	17.53	178	565555	39.65	ng		97
71) Anthracene	17.62	178	572101	39.37	ng		97
72) Carbazole	17.89	167	510262	39.86	ng		97
73) Di-n-butylphthalate	18.45	149	615343	39.22	ng		99
74) Fluoranthene	19.53	202	712051	39.02	ng		95
76) Benzidine	19.71	184	296776	29.87	ng		98
77) Pyrene	19.89	202	726070	40.80	ng		97
79) Butylbenzylphthalate	20.77	149	285394	40.92	ng		98
80) Benzo(a)anthracene	21.74	228	739414	39.94	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	207861	29.48	ng		98
82) Chrysene	21.81	228	673779	38.33	ng		96
83) Bis(2-ethylhexyl)phthalate	21.65	149	415268	40.57	ng		96
84) Di-n-octyl phthalate	22.89	149	705696	42.41	ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.80	276	829594	42.84	ng	#	100
87) Benzo(b)fluoranthene	24.00	252	723814	40.60	ng	#	95
88) Benzo(k)fluoranthene	24.07	252	696101	39.42	ng	#	96
89) Benzo(a)pyrene	24.89	252	690669	40.81	ng	#	95
90) Dibenzo(a,h)anthracene	28.87	278	675507	40.40	ng	#	95
91) Benzo(g,h,i)perylene	29.98	276	678779	41.34	ng	#	93

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

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