Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG091415\
Data File : BG018667.D
Acq On : 14 Sep 2015 18:21
Operator : UM/IZ
Sample : PB85519BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB85519BS

Manual Integrations APPROVED
MMDadoda
9/15/2015 1:34:07 PM

Quant Time: Sep 15 02:24:10 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG091115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 15 01:23:14 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	57364	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	233316	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	142183	20.00	ng	0.00
63) Phenanthrene-d10	17.37	188	406820	20.00	ng	0.00
75) Chrysene-d12	21.63	240	493470	20.00	ng	0.00
86) Perylene-d12	24.82	264	502194	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	287379	86.54	ng	0.00
7) Phenol-d6	7.16	99	384663	80.79	ng	0.00
23) Nitrobenzene-d5	9.16	82	323468	77.58	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	165500	86.45	ng	0.00
44) 2-Fluorobiphenyl	13.26	172	829429	80.98	ng	0.00
78) Terphenyl-d14	19.98	244	1510210	80.37	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.47	88	43637	31.44	ng	# 100
3) Pyridine	3.87	79	135655	31.53	ng	96
4) n-Nitrosodimethylamine	3.78	42	51341	34.26	ng	80
6) Aniline	7.32	93	147297	22.45	ng	94
8) 2-Chlorophenol	7.57	128	162351	42.34	ng	96
9) Benzaldehyde	7.13	77	71173	27.77	ng	98
10) Phenol	7.19	94	210510	41.85	ng	99
11) bis(2-Chloroethyl)ether	7.42	93	150043	38.49	ng	100
12) 1,3-Dichlorobenzene	7.89	146	170551	38.23	ng	98
13) 1,4-Dichlorobenzene	8.04	146	175790	39.29	ng	98
14) 1,2-Dichlorobenzene	8.36	146	168665	39.48	ng	94
15) Benzyl Alcohol	8.24	79	132978	38.75	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	178445	40.31	ng	98
17) 2-Methylphenol	8.44	107	144199	41.26	ng	99
18) Hexachloroethane	9.09	117	60097	37.57	ng	96
19) n-Nitroso-di-n-propylamine	8.80	70	117030	34.90	ng	100
20) 3+4-Methylphenols	8.77	107	196360	40.01	ng	93
22) Acetophenone	8.82	105	233249	39.46	ng	100
24) Nitrobenzene	9.20	77	171275	38.68	ng	99
25) Isophorone	9.72	82	323603	36.09	ng	99
26) 2-Nitrophenol	9.91	139	82403	39.89	ng	97
27) 2,4-Dimethylphenol	9.98	122	154325	41.14	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	208743	40.54	ng	97
29) 2,4-Dichlorophenol	10.45	162	165991	43.79	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	168552	40.12	ng	98
31) Naphthalene	10.86	128	490861	39.29	ng	99
32) Benzoic acid	10.09	122	104548	35.96	ng	95
33) 4-Chloroaniline	10.96	127	66756	11.81	ng	99
34) Hexachlorobutadiene	11.14	225	101532	41.00	ng	98
35) Caprolactam	11.72	113	63274m	38.82	ng	
36) 4-Chloro-3-methylphenol	12.08	107	167837	39.69	ng	99
37) 2-Methylnaphthalene	12.46	142	354654	38.78	ng	99
39) 1,2,4,5-Tetrachlorobenzene	12.83	216	190046	42.14	ng	98
40) Hexachlorocyclopentadiene	12.81	237	234870	103.71	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.06	196	132393	42.39	ng		98
43) 2,4,5-Trichlorophenol	13.14	196	146709	42.82	ng		99
45) 1,1'-Biphenyl	13.47	154	470205	41.59	ng		99
46) 2-Chloronaphthalene	13.51	162	363348	41.71	ng		98
47) 2-Nitroaniline	13.70	65	103221	39.38	ng		97
48) Acenaphthylene	14.35	152	618595	40.17	ng		99
49) Dimethylphthalate	14.08	163	467524	39.71	ng		99
50) 2,6-Dinitrotoluene	14.20	165	104226	40.74	ng		92
51) Acenaphthene	14.70	154	369450	41.24	ng		99
52) 3-Nitroaniline	14.53	138	69381	22.70	ng		89
53) 2,4-Dinitrophenol	14.74	184	106615	82.13	ng		96
54) Dibenzofuran	15.03	168	588291	42.25	ng		99
55) 4-Nitrophenol	14.84	139	233038	98.75	ng		99
56) 2,4-Dinitrotoluene	14.99	165	160941	44.36	ng	#	96
57) Fluorene	15.68	166	491301	40.99	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.25	232	142271	44.28	ng	#	97
59) Diethylphthalate	15.44	149	492366	40.09	ng		98
60) 4-Chlorophenyl-phenylether	15.66	204	240372	41.73	ng		96
61) 4-Nitroaniline	15.69	138	144897	43.96	ng		92
62) Azobenzene	15.96	77	452039	41.65	ng		100
64) 4,6-Dinitro-2-methylphenol	15.75	198	82635	38.85	ng		98
65) n-Nitrosodiphenylamine	15.88	169	441011	37.43	ng		100
66) 4-Bromophenyl-phenylether	16.56	248	160277	38.74	ng		98
67) Hexachlorobenzene	16.68	284	181890	40.46	ng		98
68) Atrazine	16.83	200	203250	43.38	ng		96
69) Pentachlorophenol	17.02	266	251387	90.68	ng		96
70) Phenanthrene	17.42	178	886092	41.41	ng		99
71) Anthracene	17.50	178	916151	42.28	ng		99
72) Carbazole	17.77	167	940944	44.87	ng		99
73) Di-n-butylphthalate	18.33	149	1114783	45.07	ng		99
74) Fluoranthene	19.42	202	1215979	45.88	ng		99
76) Benzidine	19.60	184	422803	28.53	ng		98
77) Pyrene	19.78	202	1251203	41.26	ng		99
79) Butylbenzylphthalate	20.66	149	510452	41.40	ng		99
80) Benzo(a)anthracene	21.61	228	1162187	40.91	ng		99
81) 3,3'-Dichlorobenzidine	21.53	252	259239	24.02	ng		92
82) Chrysene	21.68	228	1051999	39.32	ng		100
83) Bis(2-ethylhexyl)phthalate	21.52	149	749711	42.15	ng		97
84) Di-n-octyl phthalate	22.72	149	1262261	41.96	ng		99
85) Indeno(1,2,3-cd)pyrene	28.45	276	1388745	40.88	ng	#	100
87) Benzo(b)fluoranthene	23.81	252	1224768	42.06	ng		97
88) Benzo(k)fluoranthene	23.88	252	1168745	40.06	ng		99
89) Benzo(a)pyrene	24.67	252	1186037	42.80	ng		99
90) Dibenzo(a,h)anthracene	28.51	278	1125658	41.26	ng		98
91) Benzo(g,h,i)perylene	29.60	276	1147028	41.28	ng		99

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

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