Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG011017\
Data File : BG025458.D
Acq On : 10 Jan 2017 19:03
Operator : UM/SJ
Sample : PB95862BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB95862BS

Manual Integrations APPROVED
mohammad
1/11/2017 9:10:56 AM

Quant Time: Jan 10 23:14:25 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 10 11:26:22 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	49426	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	211647	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	170197	20.00	ng		0.00
63) Phenanthrene-d10	17.57	188	400612	20.00	ng		0.00
75) Chrysene-d12	21.86	240	594878	20.00	ng		0.00
86) Perylene-d12	25.26	264	642798	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.74	112	430781	158.42	ng		0.00
7) Phenol-d6	7.36	99	608070	158.78	ng		0.00
23) Nitrobenzene-d5	9.38	82	440403	91.92	ng		0.00
41) 2,4,6-Tribromophenol	16.32	330	385477	140.68	ng		0.00
44) 2-Fluorobiphenyl	13.45	172	986168	93.81	ng		0.00
78) Terphenyl-d14	20.15	244	1987788	88.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	47233	40.71	ng		94
3) Pyridine	3.99	79	140557	41.79	ng		97
4) n-Nitrosodimethylamine	3.91	42	85664	42.91	ng	#	96
6) Aniline	7.53	93	70385	13.56	ng		98
8) 2-Chlorophenol	7.77	128	146620	47.80	ng		96
9) Benzaldehyde	7.34	77	14848	5.30	ng	#	79
10) Phenol	7.38	94	213355	50.26	ng		92
11) bis(2-Chloroethyl)ether	7.61	93	140830	43.05	ng		92
12) 1,3-Dichlorobenzene	8.08	146	167317	45.07	ng		97
13) 1,4-Dichlorobenzene	8.24	146	164052	42.64	ng		99
14) 1,2-Dichlorobenzene	8.56	146	160513	43.72	ng		95
15) Benzyl Alcohol	8.45	79	156185	42.72	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.72	45	275916	45.55	ng		96
17) 2-Methylphenol	8.65	107	131284	47.09	ng		91
18) Hexachloroethane	9.28	117	65305	44.20	ng		91
19) n-Nitroso-di-n-propylamine	9.01	70	143644	44.41	ng		97
20) 3+4-Methylphenols	8.98	107	189057	49.00	ng		93
22) Acetophenone	9.03	105	243414	41.39	ng	#	93
24) Nitrobenzene	9.43	77	223533	42.54	ng		98
25) Isophorone	9.94	82	391272	45.11	ng		98
26) 2-Nitrophenol	10.14	139	89002	44.29	ng		89
27) 2,4-Dimethylphenol	10.19	122	163127	49.37	ng		97
28) bis(2-Chloroethoxy)methane	10.42	93	207460	46.05	ng		98
29) 2,4-Dichlorophenol	10.69	162	172814	48.87	ng		96
30) 1,2,4-Trichlorobenzene	10.88	180	183379	42.93	ng		89
31) Naphthalene	11.08	128	450789	42.65	ng		96
32) Benzoic acid	10.33	122	97160	36.57	ng		99
33) 4-Chloroaniline	11.22	127	18035	4.06	ng		99
34) Hexachlorobutadiene	11.33	225	146017	41.88	ng		95
35) Caprolactam	11.97	113	63762m	48.00	ng		
36) 4-Chloro-3-methylphenol	12.31	107	205027	46.98	ng		92
37) 2-Methylnaphthalene	12.67	142	351347	44.86	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	248621	44.25	ng	#	96
40) Hexachlorocyclopentadiene	12.99	237	229606	108.48	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.27	196	161067	45.52	ng		95
43) 2,4,5-Trichlorophenol	13.36	196	165913	44.80	ng		96
45) 1,1'-Biphenyl	13.66	154	515388	45.02	ng		93
46) 2-Chloronaphthalene	13.71	162	398479	44.55	ng		98
47) 2-Nitroaniline	13.93	65	165827	43.93	ng		96
48) Acenaphthylene	14.55	152	615539	44.41	ng		95
49) Dimethylphthalate	14.27	163	572074	46.11	ng		97
50) 2,6-Dinitrotoluene	14.41	165	123096	45.41	ng		97
51) Acenaphthene	14.89	154	387551	42.75	ng		97
52) 3-Nitroaniline	14.76	138	24525	9.41	ng	#	97
53) 2,4-Dinitrophenol	14.97	184	161359	90.10	ng	#	88
54) Dibenzofuran	15.22	168	662757	46.24	ng		96
55) 4-Nitrophenol	15.07	139	180906	92.95	ng		90
56) 2,4-Dinitrotoluene	15.21	165	189158	47.93	ng	#	95
57) Fluorene	15.87	166	542861	45.24	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.45	232	184767	46.57	ng		94
59) Diethylphthalate	15.62	149	598485	46.00	ng		96
60) 4-Chlorophenyl-phenylether	15.85	204	307111	45.16	ng		96
61) 4-Nitroaniline	15.92	138	105839	40.36	ng	#	83
62) Azobenzene	16.15	77	621744	49.55	ng		99
64) 4,6-Dinitro-2-methylphenol	15.97	198	124979	45.05	ng		94
65) n-Nitrosodiphenylamine	16.07	169	506805	46.80	ng		97
66) 4-Bromophenyl-phenylether	16.74	248	229300	46.39	ng		99
67) Hexachlorobenzene	16.87	284	255701	45.09	ng	#	87
68) Atrazine	17.01	200	226681	47.78	ng		96
69) Pentachlorophenol	17.23	266	249380	84.82	ng		92
70) Phenanthrene	17.61	178	963503	46.67	ng		98
71) Anthracene	17.71	178	984114	46.92	ng		98
72) Carbazole	17.98	167	861430	45.91	ng		97
73) Di-n-butylphthalate	18.50	149	1064440	46.11	ng	#	95
74) Fluoranthene	19.61	202	1290004	47.31	ng		97
76) Benzidine	19.79	184	432759	29.16	ng		98
77) Pyrene	19.98	202	1319978	42.46	ng		98
79) Butylbenzylphthalate	20.82	149	558302	44.72	ng		93
80) Benzo(a)anthracene	21.84	228	1503359	45.31	ng		96
81) 3,3'-Dichlorobenzidine	21.75	252	303199	23.53	ng		95
82) Chrysene	21.91	228	1399803	43.99	ng		96
83) Bis(2-ethylhexyl)phthalate	21.69	149	802519	46.19	ng		97
84) Di-n-octyl phthalate	22.94	149	1389706	48.18	ng		95
85) Indeno(1,2,3-cd)pyrene	29.19	276	1927436	47.65	ng		99
87) Benzo(b)fluoranthene	24.17	252	1585444	45.21	ng	#	98
88) Benzo(k)fluoranthene	24.25	252	1554432	45.89	ng	#	96
89) Benzo(a)pyrene	25.10	252	1547664	45.69	ng		96
90) Dibenzo(a,h)anthracene	29.23	278	1638068	45.63	ng		98
91) Benzo(g,h,i)perylene	30.41	276	1613005	45.21	ng		96

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

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