Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041316\
Data File : BG021630.D
Acq On : 13 Apr 2016 20:52
Operator : UM/SJ
Sample : PB89725BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB89725BS

Manual Integrations APPROVED
Sohil
4/14/2016 5:29:38 PM

Quant Time: Apr 14 11:05:04 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 13 15:48:13 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28179	20.00	ng		0.00
21) Naphthalene-d8	11.03	136	131709	20.00	ng		0.00
38) Acenaphthene-d10	14.82	164	88964	20.00	ng		0.00
63) Phenanthrene-d10	17.56	188	215252	20.00	ng		0.00
75) Chrysene-d12	21.83	240	247406	20.00	ng		0.00
86) Perylene-d12	25.16	264	239451	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.76	112	240784	142.29	ng		0.00
7) Phenol-d6	7.36	99	353059	139.68	ng		0.00
23) Nitrobenzene-d5	9.39	82	209788	81.87	ng		0.00
41) 2,4,6-Tribromophenol	16.30	330	135526	141.35	ng		0.00
44) 2-Fluorobiphenyl	13.46	172	494101	81.37	ng		0.00
78) Terphenyl-d14	20.15	244	803619	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.63	88	24003	31.87	ng		85
3) Pyridine	4.04	79	76590	33.88	ng		93
4) n-Nitrosodimethylamine	3.95	42	42304	37.76	ng	#	78
6) Aniline	7.54	93	71007	21.24	ng		91
8) 2-Chlorophenol	7.78	128	89843	44.29	ng		99
9) Benzaldehyde	7.35	77	26982	18.46	ng		95
10) Phenol	7.39	94	125433	46.14	ng		96
11) bis(2-Chloroethyl)ether	7.63	93	84757	38.95	ng		94
12) 1,3-Dichlorobenzene	8.11	146	86283	38.09	ng		98
13) 1,4-Dichlorobenzene	8.26	146	89842	38.95	ng		95
14) 1,2-Dichlorobenzene	8.58	146	86122	38.92	ng		98
15) Benzyl Alcohol	8.45	79	87425	45.26	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.75	45	171058	36.70	ng		95
17) 2-Methylphenol	8.65	107	83764	44.56	ng		94
18) Hexachloroethane	9.31	117	32685	38.94	ng	#	76
19) n-Nitroso-di-n-propylamine	9.02	70	78358	39.90	ng		95
20) 3+4-Methylphenols	8.97	107	117009	45.49	ng		99
22) Acetophenone	9.04	105	137797	37.56	ng	#	97
24) Nitrobenzene	9.43	77	108339	39.49	ng		97
25) Isophorone	9.95	82	212736	37.93	ng		98
26) 2-Nitrophenol	10.14	139	41847	39.95	ng		94
27) 2,4-Dimethylphenol	10.19	122	100431	42.21	ng		99
28) bis(2-Chloroethoxy)methane	10.43	93	124554	41.80	ng		90
29) 2,4-Dichlorophenol	10.67	162	93282	45.98	ng		97
30) 1,2,4-Trichlorobenzene	10.89	180	86237	39.53	ng		91
31) Naphthalene	11.09	128	280751	39.83	ng	#	96
32) Benzoic acid	10.29	122	58395m	44.11	ng		
33) 4-Chloroaniline	11.18	127	34732	11.38	ng	#	94
34) Hexachlorobutadiene	11.37	225	54332	38.62	ng		98
35) Caprolactam	11.95	113	39457m	42.50	ng		
36) 4-Chloro-3-methylphenol	12.28	107	114777	44.99	ng		98
37) 2-Methylnaphthalene	12.67	142	209633	43.32	ng		97
39) 1,2,4,5-Tetrachlorobenzene	13.03	216	101355	36.45	ng	#	96
40) Hexachlorocyclopentadiene	13.01	237	136471	88.36	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.26	196	73704	41.57	ng		100
43) 2,4,5-Trichlorophenol	13.33	196	82632	43.19	ng		99
45) 1,1'-Biphenyl	13.67	154	280307	37.40	ng		96
46) 2-Chloronaphthalene	13.71	162	214708	38.74	ng		98
47) 2-Nitroaniline	13.90	65	80439	42.33	ng		96
48) Acenaphthylene	14.55	152	362439	39.56	ng		98
49) Dimethylphthalate	14.28	163	305150	39.67	ng		99
50) 2,6-Dinitrotoluene	14.39	165	64683	44.10	ng		99
51) Acenaphthene	14.89	154	251899	43.01	ng		98
52) 3-Nitroaniline	14.72	138	27204	16.72	ng		96
53) 2,4-Dinitrophenol	14.92	184	51223	89.78	ng		95
54) Dibenzofuran	15.22	168	353588	44.21	ng		99
55) 4-Nitrophenol	15.01	139	127218	91.34	ng		94
56) 2,4-Dinitrotoluene	15.17	165	91338	46.08	ng		96
57) Fluorene	15.87	166	296917	41.57	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.44	232	77775	49.00	ng		99
59) Diethylphthalate	15.63	149	321482	40.04	ng		98
60) 4-Chlorophenyl-phenylether	15.85	204	139554	39.67	ng		98
61) 4-Nitroaniline	15.88	138	75020	41.91	ng		95
62) Azobenzene	16.15	77	307160	44.64	ng		98
64) 4,6-Dinitro-2-methylphenol	15.93	198	35610	40.65	ng		93
65) n-Nitrosodiphenylamine	16.06	169	268577	41.60	ng		97
66) 4-Bromophenyl-phenylether	16.75	248	93550	40.57	ng		100
67) Hexachlorobenzene	16.86	284	97930	40.22	ng		95
68) Atrazine	17.00	200	105103	41.23	ng		96
69) Pentachlorophenol	17.20	266	127805	91.95	ng		96
70) Phenanthrene	17.60	178	491267	41.41	ng		99
71) Anthracene	17.70	178	496402	41.22	ng		98
72) Carbazole	17.96	167	464659	41.34	ng		98
73) Di-n-butylphthalate	18.51	149	570003	39.87	ng		99
74) Fluoranthene	19.59	202	575290	40.61	ng		98
76) Benzidine	19.77	184	166015	21.55	ng		99
77) Pyrene	19.95	202	591748	41.48	ng		100
79) Butylbenzylphthalate	20.83	149	271342	40.97	ng		99
80) Benzo(a)anthracene	21.81	228	586546	41.20	ng		99
81) 3,3'-Dichlorobenzidine	21.72	252	89871	7.97	ng		96
82) Chrysene	21.88	228	547274	40.01	ng		99
83) Bis(2-ethylhexyl)phthalate	21.71	149	391113	40.38	ng		99
84) Di-n-octyl phthalate	22.96	149	684581	42.19	ng		99
85) Indeno(1,2,3-cd)pyrene	28.97	276	670164	41.21	ng	#	93
87) Benzo(b)fluoranthene	24.10	252	590801	42.52	ng		99
88) Benzo(k)fluoranthene	24.17	252	572092	42.11	ng		98
89) Benzo(a)pyrene	25.01	252	573060	42.57	ng		98
90) Dibenzo(a,h)anthracene	29.06	278	567478	42.04	ng		99
91) Benzo(g,h,i)perylene	30.18	276	555233	41.92	ng		99

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

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