Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
Data File : BG033626.D
Acq On : 6 Apr 2018 12:29
Operator : SJ/JU
Sample : PB107995BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB107995BS

Manual Integrations APPROVED
Sohil
4/6/2018 5:28:10 PM

Quant Time: Apr 06 13:06:27 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 05 17:36:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43211	20.00	ng		0.00
21) Naphthalene-d8	11.75	136	191799	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	134637	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	337280	20.00	ng		0.00
75) Chrysene-d12	22.56	240	324800	20.00	ng		0.00
86) Perylene-d12	26.32	264	349104	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	271899	117.99	ng		0.00
7) Phenol-d6	7.98	99	412027	104.06	ng		0.00
23) Nitrobenzene-d5	10.07	82	391380	93.75	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	162471	80.68	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	893607	95.82	ng		0.00
78) Terphenyl-d14	20.73	244	1348511	88.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.91	88	44736	38.227	ng		91
3) Pyridine	4.38	79	128484	39.716	ng		95
4) n-Nitrosodimethylamine	4.29	42	67058	50.510	ng	#	93
6) Aniline	8.16	93	47532	10.208	ng	#	83
8) 2-Chlorophenol	8.41	128	140267	53.243	ng		95
9) Benzaldehyde	7.96	77	44952m	17.864	ng		
10) Phenol	8.00	94	202144	51.709	ng		92
11) bis(2-Chloroethyl)ether	8.24	93	141754	44.425	ng		97
12) 1,3-Dichlorobenzene	8.74	146	142989	41.515	ng		95
13) 1,4-Dichlorobenzene	8.90	146	138236	40.075	ng		97
14) 1,2-Dichlorobenzene	9.23	146	144261	42.851	ng		97
15) Benzyl Alcohol	9.10	79	144313	46.292	ng		92
16) 2,2'-oxybis(1-Chloropropan	9.38	45	255489	49.116	ng		88
17) 2-Methylphenol	9.30	107	126406	47.466	ng		95
18) Hexachloroethane	9.98	117	57356	43.082	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	130065	44.829	ng		98
20) 3+4-Methylphenols	9.64	107	178803	47.156	ng		92
22) Acetophenone	9.70	105	220322	41.929	ng	#	96
24) Nitrobenzene	10.11	77	191163	42.781	ng		95
25) Isophorone	10.62	82	356086	43.949	ng		98
26) 2-Nitrophenol	10.84	139	75758	44.782	ng		94
27) 2,4-Dimethylphenol	10.86	122	137434	55.923	ng		90
28) bis(2-Chloroethoxy)methane	11.11	93	195394	48.333	ng		96
29) 2,4-Dichlorophenol	11.38	162	148969	49.290	ng		97
30) 1,2,4-Trichlorobenzene	11.59	180	153934	39.202	ng		97
31) Naphthalene	11.79	128	441101	44.381	ng		98
32) Benzoic acid	11.00	122	44588	19.517	ng		88
33) 4-Chloroaniline	11.90	127	34201	7.681	ng		98
34) Hexachlorobutadiene	12.05	225	108477	36.531	ng		91
35) Caprolactam	12.64	113	49933	42.172	ng	#	84
36) 4-Chloro-3-methylphenol	12.96	107	183117	46.455	ng		94
37) 2-Methylnaphthalene	13.34	142	334261	43.329	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	205417	42.120	ng		97
40) Hexachlorocyclopentadiene	13.67	237	199286	69.706	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	124479	43.931	ng		96
43) 2,4,5-Trichlorophenol	14.01	196	141830	42.348	ng		97
45) 1,1'-Biphenyl	14.32	154	460225	44.493	ng		96
46) 2-Chloronaphthalene	14.38	162	346954	43.502	ng		95
47) 2-Nitroaniline	14.57	65	142536	47.714	ng		90
48) Acenaphthylene	15.21	152	568305	42.688	ng		98
49) Dimethylphthalate	14.91	163	479096	40.889	ng		99
50) 2,6-Dinitrotoluene	15.04	165	104730	43.714	ng		92
51) Acenaphthene	15.54	154	382047	44.517	ng		98
52) 3-Nitroaniline	15.38	138	41908	16.685	ng	#	93
53) 2,4-Dinitrophenol	15.58	184	60776	51.949	ng	#	75
54) Dibenzofuran	15.87	168	565594	44.617	ng		92
55) 4-Nitrophenol	15.66	139	150664	85.303	ng	#	82
56) 2,4-Dinitrotoluene	15.82	165	149873	42.486	ng	#	99
57) Fluorene	16.52	166	465118	43.068	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.09	232	146788	46.555	ng		96
59) Diethylphthalate	16.24	149	477336	41.954	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	250301	40.319	ng		94
61) 4-Nitroaniline	16.53	138	102310	40.223	ng		88
62) Azobenzene	16.78	77	492948	44.727	ng		96
64) 4,6-Dinitro-2-methylphenol	16.58	198	66449	32.933	ng		98
65) n-Nitrosodiphenylamine	16.70	169	421022	43.725	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	163244	41.212	ng	#	92
67) Hexachlorobenzene	17.51	284	166299	39.781	ng		93
68) Atrazine	17.62	200	170910	43.803	ng		95
69) Pentachlorophenol	17.85	266	180736	62.992	ng		93
70) Phenanthrene	18.25	178	753651	42.905	ng		100
71) Anthracene	18.34	178	779784	43.844	ng		99
72) Carbazole	18.60	167	690676	43.823	ng	#	96
73) Di-n-butylphthalate	19.09	149	827973	45.135	ng	#	97
74) Fluoranthene	20.21	202	919082	42.282	ng		98
76) Benzidine	20.37	184	183522	20.836	ng		97
77) Pyrene	20.56	202	931273	42.990	ng		99
79) Butylbenzylphthalate	21.42	149	381095	47.673	ng		97
80) Benzo(a)anthracene	22.54	228	904981	43.757	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	100755	13.690	ng	#	98
82) Chrysene	22.62	228	873401	43.626	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	531165	48.202	ng		97
84) Di-n-octyl phthalate	23.75	149	917079	54.354	ng		99
85) Indeno(1,2,3-cd)pyrene	30.71	276	996812	46.052	ng	#	88
87) Benzo(b)fluoranthene	25.11	252	881386	43.699	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	915803m	44.894	ng		
89) Benzo(a)pyrene	26.15	252	887175	45.803	ng		98
90) Dibenzo(a,h)anthracene	30.78	278	805287	44.137	ng		98
91) Benzo(g,h,i)perylene	32.07	276	809430	44.802	ng		99

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

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