Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033587.D
Acq On : 5 Apr 2018 9:26
Operator : SJ/JU
Sample : PB107976BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107976BS

Manual Integrations APPROVED
Sohil
4/5/2018 5:04:07 PM

Quant Time: Apr 05 11:25:38 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 04 18:35:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	36510	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	164398	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	128537	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	335612	20.00	ng		0.00
75) Chrysene-d12	22.56	240	338603	20.00	ng		0.00
86) Perylene-d12	26.32	264	365105	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	337702	173.44	ng		0.00
7) Phenol-d6	7.98	99	553273	165.38	ng		0.00
23) Nitrobenzene-d5	10.06	82	350983	98.09	ng		0.00
41) 2,4,6-Tribromophenol	16.95	330	273878	142.47	ng		0.00
44) 2-Fluorobiphenyl	14.10	172	865979	97.26	ng		0.00
78) Terphenyl-d14	20.73	244	1541250	97.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	35867	36.273	ng	#	93
3) Pyridine	4.39	79	111300m	40.719	ng		
4) n-Nitrosodimethylamine	4.29	42	56957m	50.776	ng		
6) Aniline	8.16	93	69942	17.778	ng	#	89
8) 2-Chlorophenol	8.41	128	125432	56.350	ng		97
9) Benzaldehyde	7.96	77	45786m	21.536	ng		
10) Phenol	8.00	94	188172	56.970	ng		92
11) bis(2-Chloroethyl)ether	8.25	93	119921	44.480	ng		97
12) 1,3-Dichlorobenzene	8.75	146	126308	43.403	ng		95
13) 1,4-Dichlorobenzene	8.90	146	121434	41.666	ng		94
14) 1,2-Dichlorobenzene	9.23	146	123787	43.518	ng		96
15) Benzyl Alcohol	9.10	79	139978	53.143	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.38	45	212081	48.254	ng		88
17) 2-Methylphenol	9.30	107	116680m	51.855	ng		
18) Hexachloroethane	9.98	117	48574	43.182	ng		97
19) n-Nitroso-di-n-propylamine	9.67	70	116296	47.440	ng		99
20) 3+4-Methylphenols	9.63	107	175403	54.750	ng		91
22) Acetophenone	9.70	105	210203	46.671	ng	#	96
24) Nitrobenzene	10.11	77	180618	47.159	ng		92
25) Isophorone	10.62	82	349929	50.387	ng		96
26) 2-Nitrophenol	10.83	139	76511	52.766	ng	#	90
27) 2,4-Dimethylphenol	10.87	122	132570	62.935	ng		86
28) bis(2-Chloroethoxy)methane	11.10	93	181107	52.266	ng		99
29) 2,4-Dichlorophenol	11.38	162	146232	56.449	ng		96
30) 1,2,4-Trichlorobenzene	11.59	180	145018	43.087	ng		98
31) Naphthalene	11.79	128	399356	46.877	ng		97
32) Benzoic acid	11.00	122	68988	35.231	ng		91
33) 4-Chloroaniline	11.90	127	40743	10.675	ng		94
34) Hexachlorobutadiene	12.05	225	101866	40.022	ng		97
35) Caprolactam	12.65	113	55873	55.054	ng		95
36) 4-Chloro-3-methylphenol	12.96	107	191589	56.705	ng		90
37) 2-Methylnaphthalene	13.35	142	323462	48.918	ng		95
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	205554	44.149	ng		98
40) Hexachlorocyclopentadiene	13.67	237	244959	89.747	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	139379	51.524	ng		93
43) 2,4,5-Trichlorophenol	14.01	196	160486	50.192	ng		98
45) 1,1'-Biphenyl	14.32	154	461383	46.721	ng		100
46) 2-Chloronaphthalene	14.37	162	353157	46.381	ng		96
47) 2-Nitroaniline	14.57	65	149629	52.465	ng		92
48) Acenaphthylene	15.21	152	598663	47.103	ng		99
49) Dimethylphthalate	14.90	163	526362	47.055	ng		100
50) 2,6-Dinitrotoluene	15.04	165	115517	50.504	ng		90
51) Acenaphthene	15.54	154	427582	52.188	ng		97
52) 3-Nitroaniline	15.38	138	44268	18.461	ng	#	92
53) 2,4-Dinitrophenol	15.57	184	101546	85.183	ng	#	78
54) Dibenzofuran	15.87	168	588771	48.649	ng		91
55) 4-Nitrophenol	15.67	139	165093	97.909	ng	#	80
56) 2,4-Dinitrotoluene	15.81	165	169619	50.365	ng		97
57) Fluorene	16.51	166	499026	48.401	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	161697	53.718	ng		97
59) Diethylphthalate	16.24	149	526716	48.491	ng		98
60) 4-Chlorophenyl-phenylether	16.49	204	273326	46.117	ng		97
61) 4-Nitroaniline	16.53	138	108735	44.777	ng	#	80
62) Azobenzene	16.78	77	534485	50.797	ng		97
64) 4,6-Dinitro-2-methylphenol	16.57	198	85990	42.830	ng		94
65) n-Nitrosodiphenylamine	16.70	169	459106	47.917	ng		99
66) 4-Bromophenyl-phenylether	17.38	248	180684	45.842	ng	#	88
67) Hexachlorobenzene	17.51	284	186604	44.860	ng		95
68) Atrazine	17.62	200	192830	49.666	ng		96
69) Pentachlorophenol	17.85	266	225052	78.827	ng		97
70) Phenanthrene	18.25	178	833541	47.689	ng		99
71) Anthracene	18.35	178	874051	49.388	ng		99
72) Carbazole	18.60	167	750503	47.856	ng		97
73) Di-n-butylphthalate	19.09	149	906493	49.660	ng	#	97
74) Fluoranthene	20.20	202	1042498	48.198	ng		97
76) Benzidine	20.37	184	244231	26.598	ng		99
77) Pyrene	20.56	202	1038078	45.967	ng		98
79) Butylbenzylphthalate	21.42	149	413401	49.607	ng		96
80) Benzo(a)anthracene	22.53	228	1034766	47.993	ng		99
81) 3,3'-Dichlorobenzidine	22.42	252	148437	19.347	ng		94
82) Chrysene	22.61	228	965626	46.267	ng		97
83) Bis(2-ethylhexyl)phthalate	22.35	149	564201	49.113	ng		99
84) Di-n-octyl phthalate	23.75	149	988729	56.212	ng		100
85) Indeno(1,2,3-cd)pyrene	30.70	276	1078154m	47.779	ng		
87) Benzo(b)fluoranthene	25.11	252	1007728	47.774	ng	#	97
88) Benzo(k)fluoranthene	25.19	252	1020642	47.841	ng		98
89) Benzo(a)pyrene	26.14	252	1005265	49.625	ng	#	98
90) Dibenzo(a,h)anthracene	30.76	278	901920m	47.267	ng		
91) Benzo(g,h,i)perylene	32.07	276	904021m	47.844	ng		

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

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