Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040418\
Data File : BG033555.D
Acq On : 4 Apr 2018 12:04
Operator : SJ/JU
Sample : PB107838BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107838BS

Manual Integrations APPROVED
Sohil
4/5/2018 5:03:43 PM

Quant Time: Apr 04 18:47:02 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	8.87	152	32185	20.00	ng		0.00
21) Naphthalene-d8	11.74	136	143522	20.00	ng		0.00
38) Acenaphthene-d10	15.48	164	112391	20.00	ng		0.00
63) Phenanthrene-d10	18.21	188	294184	20.00	ng		0.00
75) Chrysene-d12	22.56	240	303405	20.00	ng		0.00
86) Perylene-d12	26.33	264	314726	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.29	112	272151	158.56	ng		0.00
7) Phenol-d6	7.98	99	419404	142.21	ng		0.00
23) Nitrobenzene-d5	10.06	82	277861	88.95	ng		0.00
41) 2,4,6-Tribromophenol	16.96	330	213508	127.02	ng		0.00
44) 2-Fluorobiphenyl	14.11	172	675567	86.77	ng		0.00
78) Terphenyl-d14	20.73	244	1253342	88.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.92	88	30522	35.016	ng	#	87
3) Pyridine	4.39	79	85530	35.496	ng		96
4) n-Nitrosodimethylamine	4.29	42	42440m	42.919	ng		
6) Aniline	8.15	93	66748	19.246	ng		94
8) 2-Chlorophenol	8.41	128	95956	48.901	ng		94
9) Benzaldehyde	7.97	77	53556m	28.575	ng		
10) Phenol	8.01	94	148302	50.932	ng		94
11) bis(2-Chloroethyl)ether	8.24	93	97325	40.950	ng		98
12) 1,3-Dichlorobenzene	8.75	146	96115m	37.466	ng		
13) 1,4-Dichlorobenzene	8.90	146	92664	36.067	ng		95
14) 1,2-Dichlorobenzene	9.23	146	95543	38.102	ng		96
15) Benzyl Alcohol	9.10	79	107935	46.484	ng		91
16) 2,2'-oxybis(1-Chloropropan	9.39	45	161722	41.741	ng		89
17) 2-Methylphenol	9.30	107	87750m	44.238	ng		
18) Hexachloroethane	9.98	117	39364	39.697	ng		96
19) n-Nitroso-di-n-propylamine	9.67	70	90065	41.677	ng		98
20) 3+4-Methylphenols	9.64	107	120572	42.692	ng		92
22) Acetophenone	9.71	105	151085	38.424	ng	#	95
24) Nitrobenzene	10.11	77	136282	40.759	ng		91
25) Isophorone	10.62	82	258578	42.649	ng		99
26) 2-Nitrophenol	10.83	139	55477	43.825	ng	#	92
27) 2,4-Dimethylphenol	10.87	122	98375	53.495	ng		92
28) bis(2-Chloroethoxy)methane	11.10	93	130480	43.133	ng		92
29) 2,4-Dichlorophenol	11.38	162	108810	48.113	ng		97
30) 1,2,4-Trichlorobenzene	11.60	180	109390	37.229	ng		99
31) Naphthalene	11.80	128	307260	41.313	ng		98
32) Benzoic acid	10.99	122	49315m	28.847	ng		
33) 4-Chloroaniline	11.90	127	55523	16.663	ng		94
34) Hexachlorobutadiene	12.06	225	80834	36.379	ng		91
35) Caprolactam	12.64	113	42012	47.418	ng		92
36) 4-Chloro-3-methylphenol	12.96	107	144416	48.960	ng		96
37) 2-Methylnaphthalene	13.35	142	236431	40.957	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.70	216	157249	38.626	ng		98
40) Hexachlorocyclopentadiene	13.67	237	180210	75.510	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.93	196	103075	43.577	ng		93
43) 2,4,5-Trichlorophenol	14.01	196	123572	44.199	ng		94
45) 1,1'-Biphenyl	14.32	154	352625	40.838	ng		97
46) 2-Chloronaphthalene	14.38	162	263298	39.547	ng		96
47) 2-Nitroaniline	14.57	65	111080	44.544	ng		93
48) Acenaphthylene	15.21	152	449452	40.443	ng		97
49) Dimethylphthalate	14.91	163	389433	39.815	ng		99
50) 2,6-Dinitrotoluene	15.04	165	86832	43.417	ng		95
51) Acenaphthene	15.55	154	316943	44.241	ng		97
52) 3-Nitroaniline	15.38	138	53338	25.438	ng	#	92
53) 2,4-Dinitrophenol	15.58	184	77349	75.191	ng	#	77
54) Dibenzofuran	15.88	168	448145	42.349	ng		91
55) 4-Nitrophenol	15.67	139	132795	90.068	ng		92
56) 2,4-Dinitrotoluene	15.82	165	127774	43.391	ng		89
57) Fluorene	16.52	166	376476	41.760	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.09	232	127235	48.341	ng		96
59) Diethylphthalate	16.25	149	389361	40.995	ng		96
60) 4-Chlorophenyl-phenylether	16.49	204	207749	40.088	ng		97
61) 4-Nitroaniline	16.53	138	86659	40.813	ng	#	85
62) Azobenzene	16.79	77	399280	43.398	ng		98
64) 4,6-Dinitro-2-methylphenol	16.57	198	63992	36.361	ng		97
65) n-Nitrosodiphenylamine	16.70	169	354545	42.215	ng		94
66) 4-Bromophenyl-phenylether	17.38	248	137797	39.884	ng		94
67) Hexachlorobenzene	17.51	284	140036	38.406	ng		98
68) Atrazine	17.63	200	147766	43.419	ng		98
69) Pentachlorophenol	17.85	266	178495	71.324	ng		98
70) Phenanthrene	18.25	178	641232	41.853	ng		99
71) Anthracene	18.35	178	662140	42.683	ng		99
72) Carbazole	18.61	167	590190	42.933	ng		97
73) Di-n-butylphthalate	19.09	149	698738	43.670	ng	#	98
74) Fluoranthene	20.21	202	821347	43.321	ng		97
76) Benzidine	20.37	184	207617	25.233	ng		99
77) Pyrene	20.56	202	810251	40.041	ng		98
79) Butylbenzylphthalate	21.42	149	316373	42.368	ng		95
80) Benzo(a)anthracene	22.54	228	787620	40.768	ng		99
81) 3,3'-Dichlorobenzidine	22.43	252	163983	23.853	ng		97
82) Chrysene	22.61	228	752059	40.214	ng		98
83) Bis(2-ethylhexyl)phthalate	22.36	149	440122	42.756	ng		97
84) Di-n-octyl phthalate	23.75	149	755792	47.954	ng		98
85) Indeno(1,2,3-cd)pyrene	30.70	276	844994	41.791	ng	#	85
87) Benzo(b)fluoranthene	25.12	252	787360	43.301	ng	#	98
88) Benzo(k)fluoranthene	25.19	252	775236	42.155	ng	#	98
89) Benzo(a)pyrene	26.15	252	775783	44.427	ng	#	97
90) Dibenzo(a,h)anthracene	30.78	278	675210	41.050	ng		96
91) Benzo(g,h,i)perylene	32.09	276	688645	42.280	ng		96

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

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