Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG113017\
Data File : BG031290.D
Acq On : 30 Nov 2017 16:37
Operator : SJ/JU
Sample : PB104613BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB104613BS

Manual Integrations APPROVED
Sohil
12/1/2017 3:33:55 PM

Quant Time: Dec 01 04:18:31 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 10 15:38:25 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	80088	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	331324	20.00	ng		-0.02
38) Acenaphthene-d10	14.75	164	212137	20.00	ng		-0.02
63) Phenanthrene-d10	17.49	188	512803	20.00	ng		-0.02
75) Chrysene-d12	21.77	240	589337	20.00	ng		-0.01
86) Perylene-d12	25.07	264	593157	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	384228	82.27	ng		-0.01
7) Phenol-d6	7.30	99	485542	77.17	ng		0.00
23) Nitrobenzene-d5	9.30	82	420903	75.28	ng		-0.02
41) 2,4,6-Tribromophenol	16.24	330	211845	61.73	ng		-0.01
44) 2-Fluorobiphenyl	13.37	172	1163999	78.84	ng		-0.03
78) Terphenyl-d14	20.08	244	1790849	67.10	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	57510	30.343	ng	#	84
3) Pyridine	3.94	79	163701	29.751	ng	#	83
4) n-Nitrosodimethylamine	3.86	42	77328	29.653	ng	#	83
6) Aniline	7.45	93	176293	21.289	ng		94
8) 2-Chlorophenol	7.70	128	200723	38.944	ng		88
9) Benzaldehyde	7.26	77	97157	22.065	ng		86
10) Phenol	7.33	94	252935	38.708	ng		90
11) bis(2-Chloroethyl)ether	7.54	93	181657	34.817	ng		89
12) 1,3-Dichlorobenzene	8.01	146	212415	35.126	ng		96
13) 1,4-Dichlorobenzene	8.16	146	216815	35.381	ng		95
14) 1,2-Dichlorobenzene	8.48	146	204662	34.797	ng		96
15) Benzyl Alcohol	8.37	79	162253	32.148	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.66	45	258405	44.839	ng		92
17) 2-Methylphenol	8.58	107	169290	37.204	ng		96
18) Hexachloroethane	9.21	117	74457	34.911	ng		93
19) n-Nitroso-di-n-propylamine	8.93	70	139639	29.188	ng	#	94
20) 3+4-Methylphenols	8.91	107	230807	35.671	ng		95
22) Acetophenone	8.95	105	272730	33.060	ng	#	92
24) Nitrobenzene	9.34	77	208174	36.448	ng		91
25) Isophorone	9.86	82	386094	35.406	ng	#	93
26) 2-Nitrophenol	10.06	139	118239	39.716	ng	#	82
27) 2,4-Dimethylphenol	10.11	122	193804	43.849	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	250972	36.542	ng		96
29) 2,4-Dichlorophenol	10.60	162	217923	41.060	ng		91
30) 1,2,4-Trichlorobenzene	10.81	180	242954	38.342	ng		97
31) Naphthalene	10.99	128	594260	36.485	ng		98
32) Benzoic acid	10.26	122	76277	23.938	ng	#	82
33) 4-Chloroaniline	11.11	127	93233	13.076	ng		95
34) Hexachlorobutadiene	11.28	225	155305	35.341	ng		96
35) Caprolactam	11.87	113	70415m	32.478	ng		
36) 4-Chloro-3-methylphenol	12.23	107	211301	36.580	ng		86
37) 2-Methylnaphthalene	12.59	142	468222	37.239	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.96	216	279720	33.223	ng		98
40) Hexachlorocyclopentadiene	12.93	237	262265	83.660	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	187333	38.921	ng		97
43) 2,4,5-Trichlorophenol	13.28	196	202332	38.420	ng	#	94
45) 1,1'-Biphenyl	13.58	154	600834	34.156	ng		97
46) 2-Chloronaphthalene	13.64	162	497010	39.159	ng		95
47) 2-Nitroaniline	13.84	65	127431	33.874	ng	#	78
48) Acenaphthylene	14.48	152	738659	35.558	ng		98
49) Dimethylphthalate	14.20	163	646083	35.224	ng		99
50) 2,6-Dinitrotoluene	14.32	165	146503	38.751	ng	#	74
51) Acenaphthene	14.82	154	459708	35.434	ng		98
52) 3-Nitroaniline	14.67	138	75230	18.741	ng	#	76
53) 2,4-Dinitrophenol	14.88	184	94980	48.183	ng	#	49
54) Dibenzofuran	15.15	168	750842	36.334	ng		99
55) 4-Nitrophenol	14.98	139	201130	70.336	ng	#	80
56) 2,4-Dinitrotoluene	15.12	165	204774	37.466	ng	#	72
57) Fluorene	15.80	166	596763	35.570	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.38	232	190665	37.988	ng	#	90
59) Diethylphthalate	15.55	149	620318	33.294	ng		97
60) 4-Chlorophenyl-phenylether	15.78	204	360989	35.627	ng		90
61) 4-Nitroaniline	15.82	138	143597	33.782	ng		87
62) Azobenzene	16.08	77	499135	35.127	ng		91
64) 4,6-Dinitro-2-methylphenol	15.89	198	92841	27.238	ng		77
65) n-Nitrosodiphenylamine	16.00	169	555297	35.735	ng		99
66) 4-Bromophenyl-phenylether	16.68	248	235503	36.260	ng		97
67) Hexachlorobenzene	16.80	284	239447	34.697	ng		96
68) Atrazine	16.94	200	228211	35.595	ng		97
69) Pentachlorophenol	17.15	266	219329	57.495	ng		99
70) Phenanthrene	17.54	178	991187	37.123	ng		98
71) Anthracene	17.63	178	1023095	38.241	ng		99
72) Carbazole	17.90	167	929856	37.093	ng		99
73) Di-n-butylphthalate	18.43	149	1071746	34.821	ng		99
74) Fluoranthene	19.54	202	1301167	38.489	ng		98
76) Benzidine	19.71	184	512426	27.068	ng		98
77) Pyrene	19.90	202	1334434	38.158	ng		97
79) Butylbenzylphthalate	20.76	149	524358	37.606	ng	#	84
80) Benzo(a)anthracene	21.75	228	1346828	36.791	ng		98
81) 3,3'-Dichlorobenzidine	21.65	252	309427	20.940	ng		99
82) Chrysene	21.82	228	1283941	37.916	ng		97
83) Bis(2-ethylhexyl)phthalate	21.62	149	729695	36.254	ng		99
84) Di-n-octyl phthalate	22.85	149	1246237	38.042	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.85	276	1485519	36.085	ng	#	53
87) Benzo(b)fluoranthene	24.02	252	1347936	37.568	ng		98
88) Benzo(k)fluoranthene	24.09	252	1330122	37.401	ng		99
89) Benzo(a)pyrene	24.91	252	1317989	38.667	ng		99
90) Dibenzo(a,h)anthracene	28.91	278	1235147	35.453	ng		97
91) Benzo(g,h,i)perylene	30.05	276	1242813	36.755	ng		98

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

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