Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031618\
Data File : BG033210.D
Acq On : 16 Mar 2018 21:47
Operator : SJ/JU
Sample : PB107389BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB107389BS

Manual Integrations APPROVED
Sohil
3/19/2018 2:20:36 PM

Quant Time: Mar 17 05:44:59 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	42459	20.00	ng		0.00
21) Naphthalene-d8	11.78	136	172543	20.00	ng		0.00
38) Acenaphthene-d10	15.51	164	128452	20.00	ng		0.00
63) Phenanthrene-d10	18.24	188	335991	20.00	ng		0.00
75) Chrysene-d12	22.60	240	338006	20.00	ng		0.00
86) Perylene-d12	26.40	264	361554	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	6.31	112	386007	145.45	ng		0.00
7) Phenol-d6	8.00	99	587451	158.80	ng		-0.01
23) Nitrobenzene-d5	10.10	82	365561	139.79	ng		0.00
41) 2,4,6-Tribromophenol	16.99	330	285726	211.55	ng		0.00
44) 2-Fluorobiphenyl	14.14	172	865763	97.21	ng		0.00
78) Terphenyl-d14	20.76	244	1537092	102.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.94	88	41280	35.840	ng		95
3) Pyridine	4.41	79	117574	37.036	ng		93
4) n-Nitrosodimethylamine	4.32	42	66222	52.030	ng	#	93
6) Aniline	8.19	93	89017	17.778	ng	#	94
8) 2-Chlorophenol	8.44	128	129416	44.551	ng		93
9) Benzaldehyde	7.99	77	59578	27.945	ng		95
10) Phenol	8.03	94	195589	52.451	ng		90
11) bis(2-Chloroethyl)ether	8.28	93	126936	41.629	ng		99
12) 1,3-Dichlorobenzene	8.78	146	134983	39.673	ng		96
13) 1,4-Dichlorobenzene	8.93	146	137338	40.101	ng		95
14) 1,2-Dichlorobenzene	9.26	146	130247	39.687	ng		96
15) Benzyl Alcohol	9.13	79	153092	56.294	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.42	45	219552	41.884	ng		90
17) 2-Methylphenol	9.33	107	128707	46.806	ng	#	93
18) Hexachloroethane	10.02	117	52669	45.168	ng		88
19) n-Nitroso-di-n-propylamine	9.70	70	123333	47.226	ng	#	98
20) 3+4-Methylphenols	9.66	107	183385	47.964	ng		93
22) Acetophenone	9.74	105	214564	49.240	ng	#	96
24) Nitrobenzene	10.14	77	186803	65.245	ng		92
25) Isophorone	10.66	82	348531	57.550	ng		99
26) 2-Nitrophenol	10.87	139	78752	69.811	ng	#	84
27) 2,4-Dimethylphenol	10.90	122	132254	50.270	ng		90
28) bis(2-Chloroethoxy)methane	11.14	93	193208	54.763	ng		96
29) 2,4-Dichlorophenol	11.41	162	152420	63.834	ng		99
30) 1,2,4-Trichlorobenzene	11.63	180	151342	54.071	ng		96
31) Naphthalene	11.83	128	405400	44.964	ng		99
32) Benzoic acid	10.99	122	44331m	32.374	ng		
33) 4-Chloroaniline	11.93	127	75381	18.699	ng		92
34) Hexachlorobutadiene	12.09	225	108182	68.906	ng		99
35) Caprolactam	12.68	113	54310	56.804	ng		98
36) 4-Chloro-3-methylphenol	12.99	107	192903	69.423	ng		93
37) 2-Methylnaphthalene	13.38	142	315290	48.336	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.73	216	201771	52.915	ng		98
40) Hexachlorocyclopentadiene	13.71	237	257091	132.295	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.96	196	141166	58.704	ng		97
43) 2,4,5-Trichlorophenol	14.04	196	162497	58.386	ng		98
45) 1,1'-Biphenyl	14.35	154	434036	38.668	ng		94
46) 2-Chloronaphthalene	14.41	162	342517	40.850	ng		96
47) 2-Nitroaniline	14.60	65	146466	64.907	ng		92
48) Acenaphthylene	15.24	152	566281	41.251	ng		99
49) Dimethylphthalate	14.94	163	511200	46.870	ng		99
50) 2,6-Dinitrotoluene	15.07	165	108805	57.997	ng		97
51) Acenaphthene	15.58	154	360670	42.186	ng		95
52) 3-Nitroaniline	15.41	138	60251	30.282	ng	#	91
53) 2,4-Dinitrophenol	15.61	184	35412	66.557	ng		95
54) Dibenzofuran	15.90	168	559524	45.963	ng		93
55) 4-Nitrophenol	15.69	139	171799	94.756	ng		90
56) 2,4-Dinitrotoluene	15.85	165	162447	68.647	ng		89
57) Fluorene	16.55	166	471081	46.885	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.12	232	160458	74.257	ng		97
59) Diethylphthalate	16.28	149	502667	43.696	ng		98
60) 4-Chlorophenyl-phenylether	16.52	204	267377	54.399	ng		97
61) 4-Nitroaniline	16.56	138	99564	42.811	ng		87
62) Azobenzene	16.82	77	503309	48.906	ng		99
64) 4,6-Dinitro-2-methylphenol	16.61	198	43915	45.841	ng		95
65) n-Nitrosodiphenylamine	16.74	169	439832	40.240	ng		97
66) 4-Bromophenyl-phenylether	17.41	248	176777	49.758	ng	#	91
67) Hexachlorobenzene	17.54	284	181208	47.198	ng	#	93
68) Atrazine	17.65	200	180908	50.282	ng		99
69) Pentachlorophenol	17.88	266	209825	86.765	ng		97
70) Phenanthrene	18.29	178	792056	42.254	ng		98
71) Anthracene	18.38	178	821485	43.652	ng		99
72) Carbazole	18.63	167	715255	38.560	ng		95
73) Di-n-butylphthalate	19.13	149	834492	36.671	ng	#	98
74) Fluoranthene	20.24	202	1011649	48.857	ng		97
76) Benzidine	20.40	184	215166	18.675	ng		99
77) Pyrene	20.60	202	1018192	42.716	ng		99
79) Butylbenzylphthalate	21.45	149	387120	36.631	ng		96
80) Benzo(a)anthracene	22.58	228	994925	45.903	ng		98
81) 3,3'-Dichlorobenzidine	22.46	252	180461	22.480	ng		99
82) Chrysene	22.65	228	934778	45.148	ng		97
83) Bis(2-ethylhexyl)phthalate	22.40	149	518324	33.134	ng		98
84) Di-n-octyl phthalate	23.81	149	902369	37.844	ng		99
85) Indeno(1,2,3-cd)pyrene	30.82	276	1118797	46.334	ng	#	90
87) Benzo(b)fluoranthene	25.18	252	982974	45.982	ng	#	97
88) Benzo(k)fluoranthene	25.26	252	950794	44.752	ng	#	98
89) Benzo(a)pyrene	26.22	252	957038	47.068	ng	#	97
90) Dibenzo(a,h)anthracene	30.89	278	924731	45.183	ng		99
91) Benzo(g,h,i)perylene	32.21	276	928646	46.029	ng	#	96

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

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