Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034068.D
Acq On : 28 Apr 2018 10:50
Operator : SJ/JU
Sample : PB108633BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108633BS

Manual Integrations APPROVED
Sohil
4/30/2018 7:03:43 PM

Quant Time: Apr 30 05:11:16 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 19 13:56:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	52457m	20.00	ng		-0.08
21) Naphthalene-d8	10.54	136	259615	20.00	ng		-0.09
38) Acenaphthene-d10	14.39	164	199094	20.00	ng		-0.08
63) Phenanthrene-d10	17.14	188	536235	20.00	ng		-0.08
75) Chrysene-d12	21.39	240	561896	20.00	ng		-0.10
86) Perylene-d12	24.39	264	572483	20.00	ng		-0.17
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	250033	76.10	ng		-0.08
7) Phenol-d6	6.94	99	424266	88.53	ng		-0.06
23) Nitrobenzene-d5	8.91	82	368045	80.68	ng		-0.08
41) 2,4,6-Tribromophenol	15.89	330	260273	112.05	ng		-0.08
44) 2-Fluorobiphenyl	13.01	172	1263431	93.22	ng		-0.09
78) Terphenyl-d14	19.78	244	2360100	94.36	ng		-0.08
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	50531m	36.396	ng		
3) Pyridine	3.70	79	97969	24.388	ng		88
4) n-Nitrosodimethylamine	3.64	42	38428	20.998	ng	#	94
6) Aniline	7.10	93	111170	17.354	ng	#	92
8) 2-Chlorophenol	7.32	128	163837	44.501	ng		96
9) Benzaldehyde	6.96	77	47720m	15.667	ng		
10) Phenol	6.97	94	171262	34.884	ng		99
11) bis(2-Chloroethyl)ether	7.19	93	158357m	42.174	ng		
12) 1,3-Dichlorobenzene	7.64	146	173099	40.843	ng		94
13) 1,4-Dichlorobenzene	7.79	146	197534	46.017	ng		96
14) 1,2-Dichlorobenzene	8.09	146	186154	44.594	ng		95
15) Benzyl Alcohol	8.01	79	91990m	22.013	ng		
16) 2,2'-oxybis(1-Chloropropan	8.28	45	244816	33.429	ng		75
17) 2-Methylphenol	8.22	107	108289	29.765	ng		93
18) Hexachloroethane	8.81	117	74597	47.557	ng		97
19) n-Nitroso-di-n-propylamine	8.55	70	131802	32.264	ng	#	94
20) 3+4-Methylphenols	8.54	107	170396	32.233	ng		92
22) Acetophenone	8.58	105	233893	33.101	ng		98
24) Nitrobenzene	8.96	77	165517	33.296	ng	#	96
25) Isophorone	9.46	82	408271	39.806	ng	#	94
26) 2-Nitrophenol	9.66	139	64562	32.869	ng		93
27) 2,4-Dimethylphenol	9.73	122	148515	40.424	ng		93
28) bis(2-Chloroethoxy)methane	9.97	93	207176	38.221	ng	#	95
29) 2,4-Dichlorophenol	10.20	162	192085	46.901	ng		89
30) 1,2,4-Trichlorobenzene	10.40	180	207186	45.167	ng		98
31) Naphthalene	10.59	128	560378	41.974	ng		99
32) Benzoic acid	9.89	122	118944m	34.127	ng		
33) 4-Chloroaniline	10.76	127	57055	9.092	ng	#	94
34) Hexachlorobutadiene	10.87	225	131283	47.841	ng		96
35) Caprolactam	11.55	113	71576m	41.106	ng		
36) 4-Chloro-3-methylphenol	11.85	107	208382	41.687	ng		89
37) 2-Methylnaphthalene	12.20	142	442513	43.293	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	275990	41.746	ng		98
40) Hexachlorocyclopentadiene	12.55	237	346050	95.197	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.82	196	163339	40.523	ng		96
43) 2,4,5-Trichlorophenol	12.91	196	225339m	48.627	ng		
45) 1,1'-Biphenyl	13.22	154	655275	40.658	ng		99
46) 2-Chloronaphthalene	13.26	162	496458	40.626	ng		99
47) 2-Nitroaniline	13.49	65	120361	31.545	ng		90
48) Acenaphthylene	14.11	152	841856	41.444	ng		99
49) Dimethylphthalate	13.86	163	735510	41.997	ng		99
50) 2,6-Dinitrotoluene	13.98	165	158634	47.797	ng	#	83
51) Acenaphthene	14.45	154	489335	38.348	ng		98
52) 3-Nitroaniline	14.35	138	54515	15.127	ng	#	86
53) 2,4-Dinitrophenol	14.52	184	111952	94.320	ng	#	66
54) Dibenzofuran	14.79	168	844538	44.642	ng		95
55) 4-Nitrophenol	14.66	139	140441	49.688	ng	#	82
56) 2,4-Dinitrotoluene	14.77	165	225371	51.065	ng	#	80
57) Fluorene	15.44	166	722685	44.145	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.03	232	235089	55.407	ng	#	91
59) Diethylphthalate	15.23	149	776590	41.951	ng		99
60) 4-Chlorophenyl-phenylether	15.44	204	396449	46.299	ng		95
61) 4-Nitroaniline	15.53	138	122426m	31.995	ng		
62) Azobenzene	15.74	77	606560	36.758	ng		94
64) 4,6-Dinitro-2-methylphenol	15.53	198	106864	42.280	ng		85
65) n-Nitrosodiphenylamine	15.66	169	637575	40.896	ng		97
66) 4-Bromophenyl-phenylether	16.34	248	249860	42.428	ng		99
67) Hexachlorobenzene	16.44	284	273248	43.509	ng		97
68) Atrazine	16.62	200	274573	44.957	ng		98
69) Pentachlorophenol	16.80	266	329542	76.390	ng	#	57
70) Phenanthrene	17.18	178	1173563	40.795	ng		98
71) Anthracene	17.28	178	1304561	45.347	ng		99
72) Carbazole	17.56	167	1113453	40.119	ng		98
73) Di-n-butylphthalate	18.12	149	1373537	39.782	ng		99
74) Fluoranthene	19.20	202	1551530	44.587	ng		97
76) Benzidine	19.44	184	175250	11.550	ng	#	97
77) Pyrene	19.57	202	1521719	41.290	ng		95
79) Butylbenzylphthalate	20.48	149	638302	39.438	ng		87
80) Benzo(a)anthracene	21.37	228	1450504	40.938	ng		97
81) 3,3'-Dichlorobenzidine	21.31	252	319786	24.206	ng		98
82) Chrysene	21.43	228	1510332	44.638	ng		96
83) Bis(2-ethylhexyl)phthalate	21.30	149	892722	39.057	ng		99
84) Di-n-octyl phthalate	22.44	149	1524618	42.024	ng		96
85) Indeno(1,2,3-cd)pyrene	27.77	276	1680096	43.623	ng	#	91
87) Benzo(b)fluoranthene	23.44	252	1384645	39.647	ng		99
88) Benzo(k)fluoranthene	23.51	252	1560026	44.968	ng		96
89) Benzo(a)pyrene	24.25	252	1506592	45.043	ng		99
90) Dibenzo(a,h)anthracene	27.85	278	1411480	43.612	ng		99
91) Benzo(g,h,i)perylene	28.83	276	1401514	44.008	ng		97

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

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