Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042718\
Data File : BG034069.D
Acq On : 28 Apr 2018 11:28
Operator : SJ/JU
Sample : PB108633BSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108633BSD

Manual Integrations APPROVED
Sohil
4/30/2018 7:03:46 PM

Quant Time: Apr 30 05:18:03 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	50409m	20.00	ng		-0.08
21) Naphthalene-d8	10.54	136	234783	20.00	ng		-0.09
38) Acenaphthene-d10	14.39	164	186253	20.00	ng		-0.09
63) Phenanthrene-d10	17.14	188	507305	20.00	ng		-0.08
75) Chrysene-d12	21.39	240	535349	20.00	ng		-0.10
86) Perylene-d12	24.38	264	536020	20.00	ng		-0.18
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	199895	63.31	ng		-0.08
7) Phenol-d6	6.94	99	295982	64.27	ng		-0.06
23) Nitrobenzene-d5	8.91	82	284199	68.89	ng		-0.08
41) 2,4,6-Tribromophenol	15.89	330	212958	98.00	ng		-0.08
44) 2-Fluorobiphenyl	13.01	172	1032992	81.47	ng		-0.09
78) Terphenyl-d14	19.78	244	2015911	84.60	ng		-0.09
Target Compounds							Qvalue
2) 1,4-Dioxane	3.31	88	39936m	29.933	ng		
3) Pyridine	3.70	79	78560	20.351	ng		87
4) n-Nitrosodimethylamine	3.65	42	28893	16.429	ng	#	83
6) Aniline	7.10	93	79238	12.872	ng	#	87
8) 2-Chlorophenol	7.32	128	134394	37.987	ng		96
9) Benzaldehyde	6.96	77	35411m	11.650	ng		
10) Phenol	6.97	94	131969	27.973	ng		97
11) bis(2-Chloroethyl)ether	7.19	93	114562m	31.750	ng		
12) 1,3-Dichlorobenzene	7.64	146	147337	36.177	ng		94
13) 1,4-Dichlorobenzene	7.79	146	155628	37.728	ng		94
14) 1,2-Dichlorobenzene	8.10	146	156865	39.104	ng		96
15) Benzyl Alcohol	8.02	79	72434m	18.038	ng		
16) 2,2'-oxybis(1-Chloropropan	8.28	45	202424	28.763	ng		72
17) 2-Methylphenol	8.22	107	88982	25.452	ng	#	94
18) Hexachloroethane	8.81	117	61380	40.720	ng		96
19) n-Nitroso-di-n-propylamine	8.55	70	106587	27.152	ng	#	96
20) 3+4-Methylphenols	8.55	107	107035	21.070	ng		92
22) Acetophenone	8.58	105	176257	27.583	ng		97
24) Nitrobenzene	8.96	77	139563	31.044	ng		96
25) Isophorone	9.46	82	321266	34.636	ng	#	94
26) 2-Nitrophenol	9.67	139	50261	28.295	ng		91
27) 2,4-Dimethylphenol	9.73	122	116951	35.200	ng		96
28) bis(2-Chloroethoxy)methane	9.97	93	155677	31.758	ng	#	91
29) 2,4-Dichlorophenol	10.21	162	143920	38.857	ng		90
30) 1,2,4-Trichlorobenzene	10.40	180	166228	40.070	ng		99
31) Naphthalene	10.58	128	466942	38.675	ng		99
32) Benzoic acid	9.89	122	85119m	28.066	ng		
33) 4-Chloroaniline	10.78	127	59758m	10.530	ng		
34) Hexachlorobutadiene	10.86	225	109020	43.930	ng		98
35) Caprolactam	11.50	113	58744m	37.304	ng		
36) 4-Chloro-3-methylphenol	11.85	107	162722	35.996	ng	#	83
37) 2-Methylnaphthalene	12.20	142	356827	38.602	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.57	216	222651	36.000	ng		97
40) Hexachlorocyclopentadiene	12.55	237	278882	82.009	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.82	196	125687	33.331	ng		94
43) 2,4,5-Trichlorophenol	12.90	196	184625m	42.588	ng		
45) 1,1'-Biphenyl	13.23	154	533913	35.412	ng		99
46) 2-Chloronaphthalene	13.27	162	400692	35.050	ng		97
47) 2-Nitroaniline	13.50	65	99721	27.937	ng	#	82
48) Acenaphthylene	14.11	152	677986	35.678	ng		98
49) Dimethylphthalate	13.85	163	601198	36.695	ng		99
50) 2,6-Dinitrotoluene	13.97	165	126016	40.586	ng		87
51) Acenaphthene	14.45	154	394028	33.008	ng		99
52) 3-Nitroaniline	14.35	138	43427	12.881	ng	#	81
53) 2,4-Dinitrophenol	14.52	184	85137	76.674	ng	#	68
54) Dibenzofuran	14.79	168	687378	38.839	ng		96
55) 4-Nitrophenol	14.67	139	109997	41.600	ng	#	85
56) 2,4-Dinitrotoluene	14.76	165	182819	44.279	ng	#	80
57) Fluorene	15.45	166	599711	39.158	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.02	232	188804	47.566	ng	#	92
59) Diethylphthalate	15.22	149	635822	36.715	ng		99
60) 4-Chlorophenyl-phenylether	15.44	204	320003	39.948	ng		95
61) 4-Nitroaniline	15.52	138	59836	16.716	ng		82
62) Azobenzene	15.73	77	497874	32.252	ng		96
64) 4,6-Dinitro-2-methylphenol	15.53	198	87189	37.356	ng		77
65) n-Nitrosodiphenylamine	15.66	169	528853	35.857	ng		99
66) 4-Bromophenyl-phenylether	16.34	248	204000	36.616	ng		99
67) Hexachlorobenzene	16.44	284	227133	38.228	ng		98
68) Atrazine	16.62	200	231254	40.023	ng		98
69) Pentachlorophenol	16.79	266	273979	67.132	ng	#	57
70) Phenanthrene	17.19	178	975827	35.856	ng		99
71) Anthracene	17.28	178	1074267	39.472	ng		100
72) Carbazole	17.56	167	922362	35.129	ng		98
73) Di-n-butylphthalate	18.12	149	1162184	35.580	ng		99
74) Fluoranthene	19.20	202	1298750	39.451	ng		97
76) Benzidine	19.44	184	211409	14.624	ng		99
77) Pyrene	19.57	202	1294501	36.866	ng		95
79) Butylbenzylphthalate	20.48	149	527002	34.176	ng		88
80) Benzo(a)anthracene	21.37	228	1190374	35.262	ng		97
81) 3,3'-Dichlorobenzidine	21.30	252	253046	20.104	ng		98
82) Chrysene	21.43	228	1269843	39.392	ng		97
83) Bis(2-ethylhexyl)phthalate	21.30	149	745103	34.215	ng		98
84) Di-n-octyl phthalate	22.44	149	1263014	36.539	ng	#	95
85) Indeno(1,2,3-cd)pyrene	27.77	276	1376216	37.505	ng		100
87) Benzo(b)fluoranthene	23.44	252	1185292	36.247	ng		99
88) Benzo(k)fluoranthene	23.50	252	1341628	41.304	ng		98
89) Benzo(a)pyrene	24.25	252	1229937	39.273	ng		99
90) Dibenzo(a,h)anthracene	27.84	278	1135393	37.468	ng		97
91) Benzo(g,h,i)perylene	28.82	276	1149932	38.565	ng		97

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

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