Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060817\
Data File : BG027320.D
Acq On : 8 Jun 2017 17:02
Operator : SJ/MA
Sample : PB99585BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB99585BS

Manual Integrations APPROVED
mohammad
6/9/2017 12:20:41 PM

Quant Time: Jun 08 17:53:27 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:00:35 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.56	152	48630	20.00	ng		-0.02
21) Naphthalene-d8	11.38	136	234381	20.00	ng		-0.02
38) Acenaphthene-d10	15.14	164	155446	20.00	ng		-0.02
63) Phenanthrene-d10	17.89	188	371558	20.00	ng		-0.03
75) Chrysene-d12	22.28	240	424158	20.00	ng		-0.03
86) Perylene-d12	25.96	264	391115	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	6.14	112	410329	128.76	ng		-0.02
7) Phenol-d6	7.69	99	597970	127.83	ng		-0.01
23) Nitrobenzene-d5	9.72	82	325970	87.47	ng		-0.02
41) 2,4,6-Tribromophenol	16.62	330	254414	124.29	ng		-0.02
44) 2-Fluorobiphenyl	13.76	172	798611	71.87	ng		-0.03
78) Terphenyl-d14	20.47	244	1258823	75.71	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	4.16	88	43698	33.069	ng	#	85
3) Pyridine	4.54	79	127157	31.216	ng	#	75
4) n-Nitrosodimethylamine	4.44	42	57756	38.293	ng	#	52
6) Aniline	7.89	93	146451	24.860	ng	#	95
8) 2-Chlorophenol	8.12	128	140177	41.656	ng		94
9) Benzaldehyde	7.70	77	68217	21.091	ng		91
10) Phenol	7.72	94	211565	44.224	ng		77
11) bis(2-Chloroethyl)ether	7.96	93	139526	35.552	ng		87
12) 1,3-Dichlorobenzene	8.45	146	128014m	33.728	ng		
13) 1,4-Dichlorobenzene	8.59	146	131991	33.885	ng		96
14) 1,2-Dichlorobenzene	8.91	146	128347	33.782	ng		95
15) Benzyl Alcohol	8.78	79	143325	43.484	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	9.07	45	227740	40.556	ng		93
17) 2-Methylphenol	8.97	107	138390	40.924	ng	#	88
18) Hexachloroethane	9.65	117	47389	36.116	ng		85
19) n-Nitroso-di-n-propylamine	9.34	70	123638	37.780	ng	#	86
20) 3+4-Methylphenols	9.30	107	188655	40.274	ng		90
22) Acetophenone	9.37	105	216147	36.061	ng	#	85
24) Nitrobenzene	9.76	77	171637	40.424	ng	#	88
25) Isophorone	10.28	82	335949	38.335	ng	#	96
26) 2-Nitrophenol	10.48	139	70919	41.637	ng	#	82
27) 2,4-Dimethylphenol	10.51	122	163153	43.301	ng		94
28) bis(2-Chloroethoxy)methane	10.75	93	212772	37.497	ng		100
29) 2,4-Dichlorophenol	11.01	162	142860	41.532	ng		97
30) 1,2,4-Trichlorobenzene	11.23	180	129187	33.918	ng		98
31) Naphthalene	11.43	128	433794	33.865	ng		98
32) Benzoic acid	10.62	122	109838	43.123	ng	#	85
33) 4-Chloroaniline	11.52	127	48751	9.133	ng	#	89
34) Hexachlorobutadiene	11.70	225	77592	33.147	ng		99
35) Caprolactam	12.29	113	55870m	47.358	ng		
36) 4-Chloro-3-methylphenol	12.59	107	185121	42.939	ng		96
37) 2-Methylnaphthalene	12.99	142	327113	35.008	ng		93
39) 1,2,4,5-Tetrachlorobenzene	13.35	216	158731	32.778	ng		97
40) Hexachlorocyclopentadiene	13.33	237	214587	83.256	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.57	196	116449	39.646	ng		98
43) 2,4,5-Trichlorophenol	13.64	196	131648	40.054	ng		96
45) 1,1'-Biphenyl	13.97	154	444710	35.049	ng		96
46) 2-Chloronaphthalene	14.03	162	333917	35.102	ng		99
47) 2-Nitroaniline	14.21	65	124915	46.435	ng	#	87
48) Acenaphthylene	14.87	152	551693	34.268	ng		97
49) Dimethylphthalate	14.57	163	461548	37.430	ng		97
50) 2,6-Dinitrotoluene	14.70	165	98561	40.357	ng	#	81
51) Acenaphthene	15.20	154	407645	38.927	ng		98
52) 3-Nitroaniline	15.03	138	55171	24.210	ng		94
53) 2,4-Dinitrophenol	15.23	184	114339	89.752	ng		96
54) Dibenzofuran	15.53	168	548540	37.484	ng		93
55) 4-Nitrophenol	15.31	139	180500	77.685	ng	#	61
56) 2,4-Dinitrotoluene	15.48	165	140106	44.340	ng	#	87
57) Fluorene	16.18	166	449538	34.585	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.75	232	125666	42.831	ng		98
59) Diethylphthalate	15.93	149	478454	38.900	ng		98
60) 4-Chlorophenyl-phenylether	16.16	204	229711	35.084	ng		96
61) 4-Nitroaniline	16.19	138	112276	42.935	ng	#	67
62) Azobenzene	16.46	77	498457	43.725	ng		89
64) 4,6-Dinitro-2-methylphenol	16.24	198	78496	47.687	ng		79
65) n-Nitrosodiphenylamine	16.38	169	409155	35.125	ng		98
66) 4-Bromophenyl-phenylether	17.06	248	151646	34.484	ng		94
67) Hexachlorobenzene	17.19	284	161002	34.038	ng		93
68) Atrazine	17.31	200	148703	38.174	ng		97
69) Pentachlorophenol	17.53	266	205833	74.238	ng		98
70) Phenanthrene	17.93	178	736955	35.253	ng		95
71) Anthracene	18.02	178	747373	35.686	ng		98
72) Carbazole	18.29	167	660273	33.426	ng		95
73) Di-n-butylphthalate	18.82	149	799795	41.756	ng	#	93
74) Fluoranthene	19.92	202	850181	38.069	ng		94
76) Benzidine	20.09	184	282871	22.139	ng		98
77) Pyrene	20.28	202	871073	33.989	ng		97
79) Butylbenzylphthalate	21.17	149	357063	39.430	ng		95
80) Benzo(a)anthracene	22.25	228	852940	35.262	ng		95
81) 3,3'-Dichlorobenzidine	22.15	252	184548	19.611	ng	#	99
82) Chrysene	22.33	228	795317	34.246	ng		97
83) Bis(2-ethylhexyl)phthalate	22.11	149	500468	36.571	ng		98
84) Di-n-octyl phthalate	23.49	149	871243	38.440	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.21	276	979716	34.834	ng	#	97
87) Benzo(b)fluoranthene	24.78	252	859094	35.417	ng	#	95
88) Benzo(k)fluoranthene	24.85	252	830112	34.883	ng	#	93
89) Benzo(a)pyrene	25.78	252	814708	35.679	ng	#	94
90) Dibenzo(a,h)anthracene	30.29	278	845519	35.372	ng	#	95
91) Benzo(g,h,i)perylene	31.55	276	794893	34.338	ng	#	91

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

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