Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062518\
Data File : BG035405.D
Acq On : 26 Jun 2018 9:39
Operator : JU/SJ
Sample : PB110513BSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110513BSD

Manual Integrations APPROVED
Sohil
6/27/2018 10:48:34 AM

Quant Time: Jun 26 11:38:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	53554	20.00	ng		-0.02
21) Naphthalene-d8	10.85	136	198203	20.00	ng		-0.03
38) Acenaphthene-d10	14.67	164	142500	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	361921	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	380950	20.00	ng		-0.03
86) Perylene-d12	24.90	264	373316	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	318867	100.48	ng		-0.01
7) Phenol-d6	7.21	99	458773	97.95	ng		-0.01
23) Nitrobenzene-d5	9.21	82	436834	104.76	ng		-0.02
41) 2,4,6-Tribromophenol	16.16	330	204110	111.89	ng		-0.02
44) 2-Fluorobiphenyl	13.30	172	994152	90.69	ng		-0.03
78) Terphenyl-d14	20.02	244	1658018	91.17	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	50644	33.449	ng	#	74
3) Pyridine	3.93	79	148199	36.277	ng	#	77
4) n-Nitrosodimethylamine	3.85	42	64724	36.879	ng	#	78
6) Aniline	7.38	93	81279	13.425	ng		95
8) 2-Chlorophenol	7.62	128	152854	45.952	ng		94
9) Benzaldehyde	7.19	77	80962	22.441	ng		94
10) Phenol	7.24	94	229104	47.267	ng		97
11) bis(2-Chloroethyl)ether	7.47	93	151653	40.310	ng		88
12) 1,3-Dichlorobenzene	7.94	146	173166	43.631	ng		97
13) 1,4-Dichlorobenzene	8.09	146	171150	41.774	ng		97
14) 1,2-Dichlorobenzene	8.40	146	164822	42.829	ng		100
15) Benzyl Alcohol	8.29	79	177028	39.889	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.57	45	162549	43.411	ng		74
17) 2-Methylphenol	8.49	107	153012	47.881	ng	#	93
18) Hexachloroethane	9.13	117	63598	43.359	ng		94
19) n-Nitroso-di-n-propylamine	8.85	70	139416	35.036	ng	#	82
20) 3+4-Methylphenols	8.82	107	209368	45.708	ng		94
22) Acetophenone	8.87	105	262406	42.739	ng	#	91
24) Nitrobenzene	9.26	77	211970	49.644	ng		96
25) Isophorone	9.78	82	393423	44.689	ng		98
26) 2-Nitrophenol	9.97	139	85527	58.112	ng	#	88
27) 2,4-Dimethylphenol	10.02	122	160007	51.723	ng		92
28) bis(2-Chloroethoxy)methane	10.25	93	210579	44.512	ng		97
29) 2,4-Dichlorophenol	10.50	162	180980	53.766	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	192810	47.769	ng		99
31) Naphthalene	10.91	128	473724	46.008	ng		99
32) Benzoic acid	10.17	122	101114	48.798	ng		90
33) 4-Chloroaniline	11.02	127	19969	4.467	ng	#	93
34) Hexachlorobutadiene	11.19	225	148799	47.403	ng		96
35) Caprolactam	11.79	113	57922m	46.561	ng		
36) 4-Chloro-3-methylphenol	12.13	107	210016	50.052	ng		94
37) 2-Methylnaphthalene	12.50	142	373774	47.881	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	250929	47.275	ng		98
40) Hexachlorocyclopentadiene	12.85	237	363102	109.089	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	169696	53.393	ng		99
43) 2,4,5-Trichlorophenol	13.19	196	181430	52.010	ng		95
45) 1,1'-Biphenyl	13.51	154	500790	43.705	ng		99
46) 2-Chloronaphthalene	13.56	162	395604	45.665	ng		97
47) 2-Nitroaniline	13.76	65	132603	51.834	ng		95
48) Acenaphthylene	14.40	152	666737	45.898	ng		99
49) Dimethylphthalate	14.13	163	546447	43.975	ng		98
50) 2,6-Dinitrotoluene	14.25	165	122020	53.824	ng	#	88
51) Acenaphthene	14.74	154	398512	41.987	ng		98
52) 3-Nitroaniline	14.58	138	24883	11.186	ng	#	94
53) 2,4-Dinitrophenol	14.78	184	146201	159.353	ng	#	63
54) Dibenzofuran	15.07	168	639205	44.967	ng		94
55) 4-Nitrophenol	14.88	139	177261	94.417	ng	#	89
56) 2,4-Dinitrotoluene	15.03	165	180228	59.847	ng	#	88
57) Fluorene	15.72	166	533677	44.923	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.29	232	184635	54.484	ng		93
59) Diethylphthalate	15.49	149	541403	42.704	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	312228	46.091	ng		97
61) 4-Nitroaniline	15.74	138	116636	48.890	ng	#	82
62) Azobenzene	16.01	77	533082	42.908	ng		93
64) 4,6-Dinitro-2-methylphenol	15.79	198	104960	63.519	ng		89
65) n-Nitrosodiphenylamine	15.92	169	473341	43.550	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	214169	49.139	ng		99
67) Hexachlorobenzene	16.72	284	220820	49.778	ng		95
68) Atrazine	16.87	200	212587	45.866	ng		97
69) Pentachlorophenol	17.06	266	264977	88.830	ng		98
70) Phenanthrene	17.46	178	847645	46.106	ng		98
71) Anthracene	17.55	178	872178	47.360	ng		98
72) Carbazole	17.81	167	778868	45.583	ng		98
73) Di-n-butylphthalate	18.37	149	880967	43.257	ng	#	98
74) Fluoranthene	19.47	202	1116095	46.653	ng		96
76) Benzidine	19.64	184	268248	18.927	ng		100
77) Pyrene	19.82	202	1120590	44.620	ng		96
79) Butylbenzylphthalate	20.71	149	399308	43.787	ng		98
80) Benzo(a)anthracene	21.66	228	1133271	46.553	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	187144	20.433	ng	#	99
82) Chrysene	21.73	228	1057680	47.454	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	547724	42.507	ng		99
84) Di-n-octyl phthalate	22.78	149	933208	42.214	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.57	276	1233794	47.264	ng	#	88
87) Benzo(b)fluoranthene	23.88	252	1103156	47.985	ng	#	96
88) Benzo(k)fluoranthene	23.95	252	1043100	46.383	ng	#	97
89) Benzo(a)pyrene	24.75	252	1059563	48.980	ng	#	96
90) Dibenzo(a,h)anthracene	28.63	278	1011644	47.373	ng	#	96
91) Benzo(g,h,i)perylene	29.71	276	1031604	49.361	ng	#	93

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

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