Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035309.D
Acq On : 21 Jun 2018 21:13
Operator : JU/SJ
Sample : PB110221BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110221BS

Manual Integrations APPROVED
Sohil
6/22/2018 2:13:48 PM

Quant Time: Jun 22 05:27:13 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	8.06	152	53790	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	203167	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	146653	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	388212	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	416990	20.00	ng		-0.03
86) Perylene-d12	24.91	264	405304	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	468713	147.05	ng		0.00
7) Phenol-d6	7.22	99	678634	144.26	ng		0.00
23) Nitrobenzene-d5	9.22	82	428357	100.22	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	318009	169.39	ng		-0.02
44) 2-Fluorobiphenyl	13.31	172	991636	87.90	ng		-0.02
78) Terphenyl-d14	20.03	244	1730590	86.93	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	53385	35.104	ng	#	74
3) Pyridine	3.94	79	156112	38.046	ng	#	74
4) n-Nitrosodimethylamine	3.86	42	62324	35.356	ng	#	70
6) Aniline	7.38	93	132387	21.771	ng		97
8) 2-Chlorophenol	7.62	128	151012	45.199	ng		94
9) Benzaldehyde	7.19	77	84220	23.242	ng		93
10) Phenol	7.24	94	220527	45.297	ng		98
11) bis(2-Chloroethyl)ether	7.47	93	149937	39.679	ng		86
12) 1,3-Dichlorobenzene	7.94	146	169538	42.530	ng		95
13) 1,4-Dichlorobenzene	8.09	146	173129	42.072	ng		93
14) 1,2-Dichlorobenzene	8.41	146	162178	41.957	ng		96
15) Benzyl Alcohol	8.29	79	175361	39.340	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.58	45	157758	41.946	ng		71
17) 2-Methylphenol	8.50	107	149230	46.493	ng	#	93
18) Hexachloroethane	9.14	117	62405	42.359	ng		90
19) n-Nitroso-di-n-propylamine	8.86	70	136388	34.125	ng	#	83
20) 3+4-Methylphenols	8.82	107	207696	45.144	ng		96
22) Acetophenone	8.88	105	250261	39.765	ng	#	92
24) Nitrobenzene	9.26	77	198797	45.421	ng	#	94
25) Isophorone	9.78	82	390317	43.253	ng		98
26) 2-Nitrophenol	9.97	139	83813	55.556	ng	#	87
27) 2,4-Dimethylphenol	10.02	122	157064	49.531	ng		90
28) bis(2-Chloroethoxy)methane	10.26	93	206556	42.595	ng		97
29) 2,4-Dichlorophenol	10.50	162	177931	51.568	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	188444	45.547	ng		96
31) Naphthalene	10.91	128	452952	42.916	ng		97
32) Benzoic acid	10.18	122	108285	50.982	ng		96
33) 4-Chloroaniline	11.02	127	42718	9.321	ng		94
34) Hexachlorobutadiene	11.19	225	145979	45.368	ng		98
35) Caprolactam	11.80	113	58690m	46.025	ng		
36) 4-Chloro-3-methylphenol	12.13	107	211801	49.244	ng		96
37) 2-Methylnaphthalene	12.51	142	354644	44.320	ng		94
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	248030	45.406	ng		99
40) Hexachlorocyclopentadiene	12.85	237	347306	101.388	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	171550	52.448	ng		95
43) 2,4,5-Trichlorophenol	13.19	196	182731	50.900	ng		98
45) 1,1'-Biphenyl	13.51	154	488426	41.419	ng		97
46) 2-Chloronaphthalene	13.56	162	384705	43.149	ng		98
47) 2-Nitroaniline	13.76	65	127657	48.488	ng		92
48) Acenaphthylene	14.40	152	647987	43.344	ng		96
49) Dimethylphthalate	14.14	163	536742	41.970	ng		98
50) 2,6-Dinitrotoluene	14.25	165	122816	52.641	ng	#	87
51) Acenaphthene	14.75	154	389467	39.872	ng		97
52) 3-Nitroaniline	14.58	138	45250	19.765	ng	#	93
53) 2,4-Dinitrophenol	14.79	184	147794	156.527	ng	#	63
54) Dibenzofuran	15.08	168	634321	43.360	ng		95
55) 4-Nitrophenol	14.89	139	182883	94.653	ng	#	87
56) 2,4-Dinitrotoluene	15.03	165	178558	57.614	ng	#	86
57) Fluorene	15.73	166	519222	42.468	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	189026	54.200	ng	#	91
59) Diethylphthalate	15.49	149	525214	40.254	ng		97
60) 4-Chlorophenyl-phenylether	15.72	204	302163	43.342	ng		97
61) 4-Nitroaniline	15.74	138	116558	47.474	ng	#	86
62) Azobenzene	16.01	77	514777	40.262	ng		95
64) 4,6-Dinitro-2-methylphenol	15.80	198	103765	58.543	ng		85
65) n-Nitrosodiphenylamine	15.93	169	468728	40.205	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	212469	45.448	ng		96
67) Hexachlorobenzene	16.73	284	216594	45.519	ng	#	92
68) Atrazine	16.88	200	207393	41.715	ng		96
69) Pentachlorophenol	17.07	266	264483	82.659	ng		98
70) Phenanthrene	17.47	178	835332	42.359	ng		98
71) Anthracene	17.55	178	861279	43.601	ng		97
72) Carbazole	17.82	167	769337	41.976	ng		96
73) Di-n-butylphthalate	18.38	149	865696	39.628	ng	#	97
74) Fluoranthene	19.47	202	1098403	42.804	ng		95
76) Benzidine	19.65	184	419288	27.027	ng		98
77) Pyrene	19.83	202	1087358	39.555	ng		98
79) Butylbenzylphthalate	20.71	149	399528	40.025	ng	#	94
80) Benzo(a)anthracene	21.67	228	1123012	42.144	ng		97
81) 3,3'-Dichlorobenzidine	21.58	252	228442	22.787	ng		99
82) Chrysene	21.74	228	1036839	42.498	ng		98
83) Bis(2-ethylhexyl)phthalate	21.57	149	533195	37.803	ng		99
84) Di-n-octyl phthalate	22.79	149	926654	38.295	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1231057	43.083	ng	#	93
87) Benzo(b)fluoranthene	23.89	252	1080947	43.308	ng	#	97
88) Benzo(k)fluoranthene	23.96	252	1046573	42.865	ng	#	97
89) Benzo(a)pyrene	24.76	252	1039643	44.266	ng	#	97
90) Dibenzo(a,h)anthracene	28.65	278	1003327	43.275	ng	#	94
91) Benzo(g,h,i)perylene	29.74	276	1021823	45.034	ng	#	92

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

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