Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071218\
Data File : BG035597.D
Acq On : 12 Jul 2018 16:38
Operator : JU/SJ
Sample : PB110905BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB110905BS

Manual Integrations APPROVED
Sohil
7/13/2018 12:36:31 PM

Quant Time: Jul 13 09:20:01 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 12 14:43:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49659	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	198451	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	147654	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	392615	20.00	ng		0.00
75) Chrysene-d12	21.69	240	399148	20.00	ng		0.00
86) Perylene-d12	24.91	264	376587	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	417049	139.43	ng		0.00
7) Phenol-d6	7.22	99	610393	136.78	ng		0.00
23) Nitrobenzene-d5	9.22	82	400077	84.22	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	269711	138.59	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	904803	82.10	ng		0.00
78) Terphenyl-d14	20.02	244	1558749	86.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	41463	27.236	ng	#	80
3) Pyridine	3.94	79	127755	32.145	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	58518	34.292	ng	#	74
6) Aniline	7.39	93	176315	30.482	ng		97
8) 2-Chlorophenol	7.63	128	136245	44.787	ng		98
9) Benzaldehyde	7.19	77	56052	20.470	ng		98
10) Phenol	7.25	94	207246	45.967	ng		90
11) bis(2-Chloroethyl)ether	7.48	93	140270	39.727	ng		94
12) 1,3-Dichlorobenzene	7.95	146	140926	38.362	ng	#	93
13) 1,4-Dichlorobenzene	8.09	146	144295	38.658	ng		97
14) 1,2-Dichlorobenzene	8.41	146	140946	39.307	ng		93
15) Benzyl Alcohol	8.29	79	175741	43.366	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.59	45	167843	56.700	ng		78
17) 2-Methylphenol	8.50	107	140558	45.853	ng	#	89
18) Hexachloroethane	9.14	117	53249	37.311	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	135725	36.117	ng	#	88
20) 3+4-Methylphenols	8.82	107	193690	45.547	ng		94
22) Acetophenone	8.88	105	239467	38.804	ng	#	90
24) Nitrobenzene	9.26	77	201318	42.138	ng		94
25) Isophorone	9.78	82	398343	45.171	ng		98
26) 2-Nitrophenol	9.97	139	78525	46.280	ng	#	86
27) 2,4-Dimethylphenol	10.03	122	149890	52.188	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	201986	41.567	ng		96
29) 2,4-Dichlorophenol	10.51	162	162550	49.580	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	169396	42.136	ng		97
31) Naphthalene	10.91	128	421748	40.798	ng		99
32) Benzoic acid	10.18	122	81903	42.360	ng		93
33) 4-Chloroaniline	11.02	127	92141	20.451	ng	#	91
34) Hexachlorobutadiene	11.19	225	127217	40.580	ng		95
35) Caprolactam	11.80	113	60931m	43.307	ng		
36) 4-Chloro-3-methylphenol	12.14	107	212886	48.442	ng		91
37) 2-Methylnaphthalene	12.51	142	335899	43.614	ng	#	88
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	226796	40.696	ng		99
40) Hexachlorocyclopentadiene	12.86	237	305103	104.391	ng		94

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	152024	46.646 ng		97
43) 2,4,5-Trichlorophenol	13.19	196	162670	44.617 ng		97
45) 1,1'-Biphenyl	13.52	154	468972	40.967 ng		96
46) 2-Chloronaphthalene	13.56	162	365943	41.097 ng		97
47) 2-Nitroaniline	13.76	65	139965	44.462 ng		94
48) Acenaphthylene	14.40	152	617560	41.403 ng		98
49) Dimethylphthalate	14.13	163	522338	40.377 ng		98
50) 2,6-Dinitrotoluene	14.25	165	120334	45.678 ng		95
51) Acenaphthene	14.74	154	366472	39.441 ng		99
52) 3-Nitroaniline	14.58	138	69175	25.691 ng	#	80
53) 2,4-Dinitrophenol	14.79	184	133358	96.923 ng	#	59
54) Dibenzofuran	15.08	168	602584	40.778 ng		94
55) 4-Nitrophenol	14.90	139	183522	95.708 ng	#	83
56) 2,4-Dinitrotoluene	15.04	165	173569	45.925 ng		91
57) Fluorene	15.72	166	505659	40.827 ng		97
58) 2,3,4,6-Tetrachlorophenol	15.30	232	168587	48.227 ng	#	93
59) Diethylphthalate	15.49	149	523365	39.344 ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	293278	40.288 ng		97
61) 4-Nitroaniline	15.75	138	120180	42.670 ng	#	83
62) Azobenzene	16.01	77	548567	41.808 ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	97339	44.538 ng		94
65) n-Nitrosodiphenylamine	15.93	169	452513	40.492 ng		95
66) 4-Bromophenyl-phenylether	16.61	248	197884	43.443 ng		96
67) Hexachlorobenzene	16.73	284	201932	43.049 ng		95
68) Atrazine	16.88	200	206227	44.820 ng		96
69) Pentachlorophenol	17.07	266	230516	80.681 ng		99
70) Phenanthrene	17.47	178	811222	41.408 ng		98
71) Anthracene	17.56	178	836598	42.887 ng		97
72) Carbazole	17.82	167	767285	41.418 ng		99
73) Di-n-butylphthalate	18.37	149	871085	39.790 ng	#	98
74) Fluoranthene	19.47	202	1068650	40.497 ng		96
76) Benzidine	19.65	184	377089	35.935 ng		96
77) Pyrene	19.83	202	1058507	41.940 ng		97
79) Butylbenzylphthalate	20.71	149	387916	42.980 ng	#	96
80) Benzo(a)anthracene	21.67	228	1062232	42.705 ng		100
81) 3,3'-Dichlorobenzidine	21.59	252	237801	27.419 ng		99
82) Chrysene	21.74	228	980507	42.538 ng		97
83) Bis(2-ethylhexyl)phthalate	21.57	149	526708	42.926 ng		99
84) Di-n-octyl phthalate	22.78	149	893381	43.485 ng	#	94
85) Indeno(1,2,3-cd)pyrene	28.58	276	1125848	44.117 ng	#	94
87) Benzo(b)fluoranthene	23.89	252	993268	43.395 ng	#	96
88) Benzo(k)fluoranthene	23.95	252	940973	42.051 ng	#	96
89) Benzo(a)pyrene	24.76	252	969474	45.528 ng	#	96
90) Dibenzo(a,h)anthracene	28.64	278	926590	44.323 ng		97
91) Benzo(g,h,i)perylene	29.73	276	936223	45.766 ng	#	92

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

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