Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061918\
Data File : BG035258.D
Acq On : 19 Jun 2018 21:36
Operator : SJ/JU
Sample : PB110338BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB110338BS

Manual Integrations APPROVED
Sohil
6/20/2018 5:04:16 PM

Quant Time: Jun 20 01:14:30 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	14840	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	62093	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	55112	20.00	ng		-0.01
63) Phenanthrene-d10	17.43	188	226225	20.00	ng		-0.01
75) Chrysene-d12	21.70	240	425288	20.00	ng		-0.02
86) Perylene-d12	24.92	264	373330	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	199146	226.47	ng		-0.01
7) Phenol-d6	7.22	99	321557	247.76	ng		0.00
23) Nitrobenzene-d5	9.22	82	196074	150.10	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	231411	328.01	ng		-0.01
44) 2-Fluorobiphenyl	13.31	172	507209	119.64	ng		-0.02
78) Terphenyl-d14	20.04	244	2484956	122.39	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	17227	41.060	ng		87
3) Pyridine	3.95	79	56105	49.561	ng	#	75
4) n-Nitrosodimethylamine	3.86	42	22507	46.279	ng	#	64
6) Aniline	7.38	93	84270	50.231	ng		98
8) 2-Chlorophenol	7.62	128	59906	64.992	ng		94
9) Benzaldehyde	7.19	77	32020	32.029	ng		99
10) Phenol	7.24	94	97754	72.780	ng		96
11) bis(2-Chloroethyl)ether	7.48	93	56539	54.234	ng		90
12) 1,3-Dichlorobenzene	7.95	146	60342	54.867	ng		97
13) 1,4-Dichlorobenzene	8.10	146	61118	53.834	ng		97
14) 1,2-Dichlorobenzene	8.42	146	61080	57.277	ng		98
15) Benzyl Alcohol	8.29	79	75305	61.234	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.59	45	61656	59.422	ng		76
17) 2-Methylphenol	8.49	107	63214	71.386	ng		94
18) Hexachloroethane	9.14	117	22683	55.808	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	57845	52.460	ng	#	85
20) 3+4-Methylphenols	8.82	107	89769	70.724	ng		91
22) Acetophenone	8.88	105	103427	53.772	ng	#	89
24) Nitrobenzene	9.26	77	86169	64.419	ng		93
25) Isophorone	9.78	82	169960	61.625	ng		97
26) 2-Nitrophenol	9.97	139	33341	72.311	ng	#	94
27) 2,4-Dimethylphenol	10.03	122	70295	72.533	ng	#	80
28) bis(2-Chloroethoxy)methane	10.26	93	86136	58.118	ng		98
29) 2,4-Dichlorophenol	10.50	162	80858	76.677	ng		91
30) 1,2,4-Trichlorobenzene	10.72	180	72435	57.284	ng		97
31) Naphthalene	10.91	128	192095	59.552	ng		98
32) Benzoic acid	10.14	122	54579	84.078	ng		98
33) 4-Chloroaniline	11.02	127	58243	41.584	ng	#	87
34) Hexachlorobutadiene	11.20	225	51159	52.023	ng		98
35) Caprolactam	11.78	113	40701m	104.435	ng		
36) 4-Chloro-3-methylphenol	12.13	107	108497	82.537	ng		96
37) 2-Methylnaphthalene	12.52	142	160621m	65.678	ng		
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	105798	51.538	ng		97
40) Hexachlorocyclopentadiene	12.86	237	135113	104.958	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	82397	67.034	ng		96
43) 2,4,5-Trichlorophenol	13.19	196	96445	71.487	ng	#	95
45) 1,1'-Biphenyl	13.51	154	232221	52.402	ng		98
46) 2-Chloronaphthalene	13.56	162	182816	54.563	ng		99
47) 2-Nitroaniline	13.76	65	80276	81.137	ng		99
48) Acenaphthylene	14.41	152	329598	58.667	ng		100
49) Dimethylphthalate	14.13	163	302786	63.003	ng		98
50) 2,6-Dinitrotoluene	14.25	165	71917	82.026	ng		94
51) Acenaphthene	14.75	154	196780	53.608	ng		99
52) 3-Nitroaniline	14.58	138	61481	71.462	ng	#	95
53) 2,4-Dinitrophenol	14.78	184	107281	302.343	ng	#	66
54) Dibenzofuran	15.08	168	337396	61.371	ng		93
55) 4-Nitrophenol	14.89	139	203618	280.429	ng		88
56) 2,4-Dinitrotoluene	15.04	165	126932	108.984	ng	#	89
57) Fluorene	15.73	166	300104	65.317	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	117496	89.649	ng		95
59) Diethylphthalate	15.49	149	338543	69.044	ng		98
60) 4-Chlorophenyl-phenylether	15.72	204	162896	62.175	ng		95
61) 4-Nitroaniline	15.75	138	124033	134.430	ng	#	83
62) Azobenzene	16.01	77	315718	65.708	ng		96
64) 4,6-Dinitro-2-methylphenol	15.80	198	89984	87.120	ng		83
65) n-Nitrosodiphenylamine	15.94	169	302792	44.569	ng		98
66) 4-Bromophenyl-phenylether	16.62	248	127105	46.656	ng		98
67) Hexachlorobenzene	16.73	284	138508	49.951	ng		97
68) Atrazine	16.88	200	201278	69.474	ng		97
69) Pentachlorophenol	17.07	266	253999	136.224	ng		97
70) Phenanthrene	17.47	178	682124	59.358	ng		98
71) Anthracene	17.56	178	710980	61.764	ng		98
72) Carbazole	17.83	167	882224	82.602	ng		98
73) Di-n-butylphthalate	18.38	149	936195	73.542	ng	#	98
74) Fluoranthene	19.48	202	1387970	92.817	ng		95
76) Benzidine	19.65	184	760988	48.096	ng		97
77) Pyrene	19.84	202	1446454	51.591	ng		96
79) Butylbenzylphthalate	20.72	149	643819	63.239	ng	#	95
80) Benzo(a)anthracene	21.68	228	1575920	57.987	ng		97
81) 3,3'-Dichlorobenzidine	21.59	252	342684	33.515	ng	#	98
82) Chrysene	21.74	228	1445977	58.111	ng		97
83) Bis(2-ethylhexyl)phthalate	21.58	149	766358	53.274	ng		99
84) Di-n-octyl phthalate	22.80	149	1189450	48.196	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.62	276	1552243	53.264	ng	#	87
87) Benzo(b)fluoranthene	23.90	252	1366711	59.447	ng	#	96
88) Benzo(k)fluoranthene	23.97	252	1305680	58.057	ng	#	97
89) Benzo(a)pyrene	24.78	252	1319392	60.988	ng	#	95
90) Dibenzo(a,h)anthracene	28.68	278	1258059	58.909	ng	#	94
91) Benzo(g,h,i)perylene	29.78	276	1282046	61.342	ng	#	92

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

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