Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072718\
Data File : BG035950.D
Acq On : 27 Jul 2018 23:55
Operator : JU/SJ
Sample : PB111438BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111438BS

Manual Integrations APPROVED
Sohil
7/30/2018 2:05:38 PM

Quant Time: Jul 28 06:39:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41645	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	163621	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	121687	20.00	ng		0.00
63) Phenanthrene-d10	17.39	188	346162	20.00	ng		0.00
75) Chrysene-d12	21.66	240	365562	20.00	ng		0.00
86) Perylene-d12	24.85	264	351514	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	238126	94.93	ng		0.00
7) Phenol-d6	7.19	99	363059	97.01	ng		0.00
23) Nitrobenzene-d5	9.18	82	346660	88.51	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	173187	107.98	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	822647	90.57	ng		0.00
78) Terphenyl-d14	20.00	244	1378122	83.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	35647	27.922	ng	#	74
3) Pyridine	3.91	79	102484	30.749	ng	#	74
4) n-Nitrosodimethylamine	3.82	42	46964	32.817	ng	#	76
6) Aniline	7.35	93	127785	26.343	ng		96
8) 2-Chlorophenol	7.59	128	120569	47.261	ng		96
9) Benzaldehyde	7.16	77	53600	23.342	ng		95
10) Phenol	7.22	94	179953	47.594	ng		98
11) bis(2-Chloroethyl)ether	7.45	93	120224	40.601	ng		89
12) 1,3-Dichlorobenzene	7.92	146	128120	41.587	ng		96
13) 1,4-Dichlorobenzene	8.06	146	126165	40.306	ng		95
14) 1,2-Dichlorobenzene	8.38	146	123897	41.202	ng		98
15) Benzyl Alcohol	8.26	79	136165	40.066	ng	#	89
16) 2,2'-oxybis(1-Chloropropan	8.54	45	130066	52.393	ng		72
17) 2-Methylphenol	8.47	107	122484	47.646	ng	#	92
18) Hexachloroethane	9.10	117	48106	40.194	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	112098	35.570	ng	#	82
20) 3+4-Methylphenols	8.80	107	162420	45.543	ng		92
22) Acetophenone	8.84	105	206161	40.518	ng	#	91
24) Nitrobenzene	9.23	77	166766	42.337	ng		96
25) Isophorone	9.75	82	322329	44.332	ng		100
26) 2-Nitrophenol	9.94	139	72245	51.642	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	126700	53.504	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	173334	43.264	ng		97
29) 2,4-Dichlorophenol	10.48	162	145049	53.659	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	150819	45.500	ng		95
31) Naphthalene	10.88	128	372584	43.714	ng		98
32) Benzoic acid	10.18	122	50991	31.986	ng	#	83
33) 4-Chloroaniline	10.99	127	51704	13.918	ng	#	94
34) Hexachlorobutadiene	11.16	225	114419	44.267	ng		99
35) Caprolactam	11.77	113	51442m	44.346	ng		
36) 4-Chloro-3-methylphenol	12.11	107	174583	48.183	ng		96
37) 2-Methylnaphthalene	12.48	142	298663	47.034	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	206320	44.922	ng		98
40) Hexachlorocyclopentadiene	12.82	237	259901	107.901	ng		92

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Quant Time: Jul 28 06:39:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 11:04:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	133036	49.531	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	151007	50.256	ng		96
45) 1,1'-Biphenyl	13.49	154	416363	44.133	ng		96
46) 2-Chloronaphthalene	13.53	162	337470	45.987	ng		99
47) 2-Nitroaniline	13.73	65	116004	44.714	ng		93
48) Acenaphthylene	14.37	152	551546	44.868	ng		98
49) Dimethylphthalate	14.11	163	470586	44.139	ng		99
50) 2,6-Dinitrotoluene	14.23	165	113088	52.088	ng	#	85
51) Acenaphthene	14.71	154	321468	41.980	ng		99
52) 3-Nitroaniline	14.56	138	56534	25.477	ng	#	91
53) 2,4-Dinitrophenol	14.77	184	117887	103.484	ng	#	67
54) Dibenzofuran	15.05	168	553246	45.428	ng		94
55) 4-Nitrophenol	14.88	139	162950	103.113	ng	#	90
56) 2,4-Dinitrotoluene	15.01	165	167770	53.863	ng	#	86
57) Fluorene	15.69	166	461537	45.217	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	156949	54.478	ng		94
59) Diethylphthalate	15.46	149	485695	44.304	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	269900	44.989	ng		94
61) 4-Nitroaniline	15.72	138	103351	44.525	ng	#	75
62) Azobenzene	15.98	77	476895	44.101	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	95774	49.702	ng		86
65) n-Nitrosodiphenylamine	15.91	169	416864	42.308	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	185805	46.265	ng		97
67) Hexachlorobenzene	16.70	284	191944	46.410	ng		97
68) Atrazine	16.85	200	194982	48.063	ng		97
69) Pentachlorophenol	17.05	266	196709	78.087	ng		98
70) Phenanthrene	17.44	178	779332	45.119	ng		97
71) Anthracene	17.53	178	790608	45.968	ng		97
72) Carbazole	17.80	167	721610	44.179	ng		98
73) Di-n-butylphthalate	18.35	149	837279	43.378	ng	#	98
74) Fluoranthene	19.44	202	1021608	43.909	ng		96
76) Benzidine	19.62	184	262153	27.277	ng		97
77) Pyrene	19.81	202	1018886	44.079	ng		96
79) Butylbenzylphthalate	20.68	149	388705	47.025	ng		98
80) Benzo(a)anthracene	21.64	228	1036781	45.511	ng		98
81) 3,3'-Dichlorobenzidine	21.55	252	241427	30.394	ng		97
82) Chrysene	21.70	228	954405	45.210	ng		97
83) Bis(2-ethylhexyl)phthalate	21.53	149	532326	47.370	ng		98
84) Di-n-octyl phthalate	22.74	149	912664	48.505	ng	#	93
85) Indeno(1,2,3-cd)pyrene	28.50	276	1121300	47.976	ng	#	93
87) Benzo(b)fluoranthene	23.84	252	983906	46.052	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	966702	46.282	ng	#	95
89) Benzo(a)pyrene	24.71	252	967115	48.657	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	929637	47.641	ng	#	95
91) Benzo(g,h,i)perylene	29.65	276	925765	48.483	ng	#	95

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

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