Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101618\
Data File : BG037359.D
Acq On : 16 Oct 2018 14:54
Operator : JU/SJ
Sample : PB113868BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113868BS

Manual Integrations APPROVED
Sohil
10/17/2018 2:59:32 PM

Quant Time: Oct 16 16:54:00 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 11 13:59:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	52685	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	254751	20.00	ng	-0.01
39) Acenaphthene-d10	14.75	164	175648	20.00	ng	-0.01
64) Phenanthrene-d10	17.49	188	430901	20.00	ng	-0.02
76) Chrysene-d12	21.78	240	402038	20.00	ng	-0.02
87) Perylene-d12	25.12	264	415533	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	486669	162.57	ng	0.00
7) Phenol-d6	7.25	99	689038	151.64	ng	0.00
23) Nitrobenzene-d5	9.29	82	345719	89.22	ng	-0.01
42) 2,4,6-Tribromophenol	16.23	330	261845	152.00	ng	-0.01
45) 2-Fluorobiphenyl	13.37	172	882556	75.46	ng	-0.01
79) Terphenyl-d14	20.09	244	1180907	61.68	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	56097	33.365	ng	96
3) Pyridine	3.93	79	147225	36.881	ng	92
4) n-Nitrosodimethylamine	3.85	42	64377	41.528	ng	89
6) Aniline	7.44	93	220360	37.047	ng	96
8) 2-Chlorophenol	7.67	128	174664	49.852	ng	98
9) Benzaldehyde	7.25	77	91247	29.167	ng	94
10) Phenol	7.28	94	237815	49.694	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	158988	40.666	ng	95
12) 1,3-Dichlorobenzene	8.00	146	165292	40.131	ng	99
13) 1,4-Dichlorobenzene	8.15	146	170777	40.953	ng	99
14) 1,2-Dichlorobenzene	8.46	146	162206	40.142	ng	98
15) Benzyl Alcohol	8.35	79	158002	44.455	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	287455	37.192	ng	98
17) 2-Methylphenol	8.54	107	160148	49.967	ng	99
18) Hexachloroethane	9.20	117	57917	40.692	ng	95
19) n-Nitroso-di-n-propylamine	8.92	70	133739	38.876	ng	96
20) 3+4-Methylphenols	8.87	107	225815	50.389	ng	98
22) Acetophenone	8.94	105	256561	39.952	ng	97
24) Nitrobenzene	9.33	77	192846	46.466	ng	96
25) Isophorone	9.85	82	392958	44.424	ng	97
26) 2-Nitrophenol	10.05	139	87394	54.447	ng	99
27) 2,4-Dimethylphenol	10.09	122	194868	52.705	ng	94
28) bis(2-Chloroethoxy)methane	10.33	93	237788	42.967	ng	97
29) 2,4-Dichlorophenol	10.57	162	189553	50.505	ng	99
30) 1,2,4-Trichlorobenzene	10.79	180	177934	38.960	ng	99
31) Naphthalene	10.99	128	538940	43.531	ng	100
32) Benzoic acid	10.21	122	121848	59.683	ng	99
33) 4-Chloroaniline	11.10	127	157449	27.110	ng	94
34) Hexachlorobutadiene	11.25	225	102752	36.229	ng	96
35) Caprolactam	11.88	113	76985m	50.315	ng	
36) 4-Chloro-3-methylphenol	12.20	107	212509	47.943	ng	98
37) 2-Methylnaphthalene	12.58	142	415738	46.013	ng	98
38) 1-Methylnaphthalene	12.80	142	395340	44.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	210671	37.036	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	244887	104.430	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	161471	48.933	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	181886	51.230	ng		98
46) 1,1'-Biphenyl	13.58	154	548265	37.945	ng		99
47) 2-Chloronaphthalene	13.63	162	430447	39.439	ng		99
48) 2-Nitroaniline	13.83	65	141137	47.761	ng		93
49) Acenaphthylene	14.48	152	727735	43.588	ng		99
50) Dimethylphthalate	14.20	163	589481	42.705	ng		99
51) 2,6-Dinitrotoluene	14.32	165	128028	47.774	ng		94
52) Acenaphthene	14.81	154	421834	40.904	ng		98
53) 3-Nitroaniline	14.66	138	107218	37.124	ng	#	96
54) 2,4-Dinitrophenol	14.86	184	92358	133.713	ng		97
55) Dibenzofuran	15.15	168	680543	40.668	ng		99
56) 4-Nitrophenol	14.95	139	234278	104.065	ng		97
57) 2,4-Dinitrotoluene	15.10	165	179134	52.255	ng		98
58) Fluorene	15.79	166	555598	43.901	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160381	51.022	ng		99
60) Diethylphthalate	15.55	149	598465	41.835	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	290831	39.314	ng		99
62) 4-Nitroaniline	15.82	138	147971	48.813	ng		92
63) Azobenzene	16.07	77	559341	40.781	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	78692	57.063	ng		98
66) n-Nitrosodiphenylamine	16.00	169	520056	41.097	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	188127	40.453	ng		97
68) Hexachlorobenzene	16.78	284	189003	39.198	ng		99
69) Atrazine	16.94	200	203841	43.341	ng		98
70) Pentachlorophenol	17.13	266	238070	76.528	ng		96
71) Phenanthrene	17.54	178	939873	42.849	ng		99
72) Anthracene	17.62	178	954782	44.472	ng		97
73) Carbazole	17.89	167	890821	40.271	ng		99
74) Di-n-butylphthalate	18.44	149	1045343	44.090	ng		100
75) Fluoranthene	19.54	202	1127196	43.968	ng		98
77) Benzidine	19.72	184	557670	36.259	ng		99
78) Pyrene	19.90	202	1112920	42.474	ng		99
80) Butylbenzylphthalate	20.77	149	481491	47.230	ng		98
81) Benzo(a)anthracene	21.76	228	1045462	43.419	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	275895	29.704	ng		99
83) Chrysene	21.83	228	976340	42.508	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	660889	45.146	ng		98
85) Di-n-octyl phthalate	22.89	149	1109156	46.681	ng		98
86) Indeno(1,2,3-cd)pyrene	28.95	276	1141285	44.829	ng	#	90
88) Benzo(b)fluoranthene	24.05	252	1047956	46.387	ng		99
89) Benzo(k)fluoranthene	24.12	252	985473	44.206	ng		98
90) Benzo(a)pyrene	24.96	252	1003522	46.324	ng		98
91) Dibenzo(a,h)anthracene	29.04	278	919429	44.357	ng		97
92) Benzo(g,h,i)perylene	30.17	276	937530	45.287	ng		99

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

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