Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092218\
Data File : BG036915.D
Acq On : 23 Sep 2018 5:55
Operator : JU/SJ
Sample : PB113101BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113101BS

Manual Integrations APPROVED
Sohil
9/24/2018 11:50:08 AM

Quant Time: Sep 24 05:38:30 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 20:07:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	36997	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	165333	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	111890	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	296406	20.00	ng		0.00
75) Chrysene-d12	21.68	240	318068	20.00	ng		0.00
86) Perylene-d12	24.89	264	329646	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	228576	118.49	ng		0.00
7) Phenol-d6	7.21	99	329318	110.33	ng		0.00
23) Nitrobenzene-d5	9.21	82	302806	98.08	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	143800	107.42	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	710366	94.56	ng		0.00
78) Terphenyl-d14	20.02	244	1308343	108.16	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	36292	41.112	ng		100
3) Pyridine	3.92	79	99163	38.905	ng		98
4) n-Nitrosodimethylamine	3.83	42	54434	48.050	ng	#	96
6) Aniline	7.37	93	127557	32.936	ng		98
8) 2-Chlorophenol	7.61	128	112237	50.106	ng		93
9) Benzaldehyde	7.18	77	76602	38.840	ng		93
10) Phenol	7.23	94	156887	50.931	ng		93
11) bis(2-Chloroethyl)ether	7.47	93	102814	36.083	ng		98
12) 1,3-Dichlorobenzene	7.94	146	110101	40.092	ng		99
13) 1,4-Dichlorobenzene	8.08	146	110620	39.362	ng		99
14) 1,2-Dichlorobenzene	8.40	146	109968	40.379	ng		96
15) Benzyl Alcohol	8.28	79	105450	43.541	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	230661	42.165	ng		98
17) 2-Methylphenol	8.48	107	102514	47.776	ng		97
18) Hexachloroethane	9.13	117	42997	41.575	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	98592	39.707	ng		97
20) 3+4-Methylphenols	8.81	107	144143	48.289	ng		98
22) Acetophenone	8.87	105	170144	43.792	ng	#	95
24) Nitrobenzene	9.25	77	144448	43.811	ng		99
25) Isophorone	9.77	82	278848	49.429	ng		99
26) 2-Nitrophenol	9.96	139	59450	45.237	ng		97
27) 2,4-Dimethylphenol	10.02	122	115416	56.380	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	157468	45.237	ng		98
29) 2,4-Dichlorophenol	10.50	162	123518	52.050	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	123859	41.707	ng		97
31) Naphthalene	10.90	128	362229	46.046	ng		98
32) Benzoic acid	10.16	122	53331	35.700	ng		93
33) 4-Chloroaniline	11.01	127	69174	19.340	ng		98
34) Hexachlorobutadiene	11.19	225	81836	39.847	ng		95
35) Caprolactam	11.78	113	48459m	49.614	ng		
36) 4-Chloro-3-methylphenol	12.13	107	146552	51.757	ng		98
37) 2-Methylnaphthalene	12.50	142	286205	47.769	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	163013	41.771	ng		99
40) Hexachlorocyclopentadiene	12.85	237	200614	99.953	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	106378	49.088	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	119513	51.720	ng		97
45) 1,1'-Biphenyl	13.51	154	382315	44.615	ng		97
46) 2-Chloronaphthalene	13.55	162	288655	42.834	ng		98
47) 2-Nitroaniline	13.75	65	112277	48.169	ng		98
48) Acenaphthylene	14.39	152	505997	47.916	ng		99
49) Dimethylphthalate	14.12	163	406650	45.151	ng		100
50) 2,6-Dinitrotoluene	14.25	165	90885	46.251	ng		98
51) Acenaphthene	14.73	154	293455	45.980	ng		98
52) 3-Nitroaniline	14.58	138	56749	27.406	ng	#	91
53) 2,4-Dinitrophenol	14.78	184	60641	67.202	ng		94
54) Dibenzofuran	15.07	168	487384	45.148	ng		99
55) 4-Nitrophenol	14.89	139	142220	107.513	ng		98
56) 2,4-Dinitrotoluene	15.03	165	129331	47.167	ng		93
57) Fluorene	15.72	166	395922	49.069	ng		100
58) 2,3,4,6-Tetrachlorophenol	15.30	232	123015	52.477	ng		98
59) Diethylphthalate	15.49	149	420353	46.275	ng		99
60) 4-Chlorophenyl-phenylether	15.71	204	220087	43.071	ng		98
61) 4-Nitroaniline	15.74	138	98644	45.290	ng		93
62) Azobenzene	16.00	77	420053	48.126	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	65703	42.398	ng		94
65) n-Nitrosodiphenylamine	15.93	169	361076	44.126	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	145809	43.248	ng		97
67) Hexachlorobenzene	16.72	284	148677	42.817	ng		97
68) Atrazine	16.87	200	159449	48.124	ng		99
69) Pentachlorophenol	17.07	266	174016	79.597	ng		98
70) Phenanthrene	17.46	178	688960	48.234	ng		99
71) Anthracene	17.55	178	712170	50.423	ng		99
72) Carbazole	17.82	167	629850	45.738	ng		99
73) Di-n-butylphthalate	18.37	149	729711	47.716	ng		100
74) Fluoranthene	19.46	202	864447	50.278	ng		100
76) Benzidine	19.65	184	354481	36.867	ng		98
77) Pyrene	19.83	202	857322	44.917	ng		99
79) Butylbenzylphthalate	20.71	149	347562	45.685	ng		98
80) Benzo(a)anthracene	21.67	228	862358	46.445	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	182497	25.823	ng		98
82) Chrysene	21.73	228	808089	45.045	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	474235	44.621	ng		99
84) Di-n-octyl phthalate	22.77	149	809612	46.267	ng		99
85) Indeno(1,2,3-cd)pyrene	28.54	276	981671	50.958	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	848377	48.292	ng		99
88) Benzo(k)fluoranthene	23.94	252	848525	48.143	ng		99
89) Benzo(a)pyrene	24.74	252	835543	49.196	ng		99
90) Dibenzo(a,h)anthracene	28.61	278	795655	49.986	ng		98
91) Benzo(g,h,i)perylene	29.68	276	809567	50.677	ng		97

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

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