Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092618\
Data File : BG036996.D
Acq On : 27 Sep 2018 00:22
Operator : JU/SJ
Sample : PB113230BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113230BS

Manual Integrations APPROVED
Sohil
9/27/2018 1:37:47 PM

Quant Time: Sep 27 08:45:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	42206	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	171242	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	112115	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	281854	20.00	ng		0.00
75) Chrysene-d12	21.68	240	294448	20.00	ng		0.00
86) Perylene-d12	24.88	264	303504	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	312516	142.00	ng		0.00
7) Phenol-d6	7.20	99	434471	127.60	ng		0.00
23) Nitrobenzene-d5	9.21	82	286070	89.46	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	182946	136.39	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	631728	83.92	ng		0.00
78) Terphenyl-d14	20.02	244	1091574	97.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43344	43.041	ng		96
3) Pyridine	3.91	79	123569	42.497	ng		97
4) n-Nitrosodimethylamine	3.83	42	75859	58.698	ng	#	85
6) Aniline	7.37	93	154801	35.037	ng		98
8) 2-Chlorophenol	7.61	128	131075	51.294	ng		94
9) Benzaldehyde	7.18	77	82579	36.703	ng		99
10) Phenol	7.23	94	181290	51.589	ng		93
11) bis(2-Chloroethyl)ether	7.46	93	134022	41.230	ng		99
12) 1,3-Dichlorobenzene	7.93	146	133094	42.483	ng		96
13) 1,4-Dichlorobenzene	8.08	146	137323	42.833	ng		99
14) 1,2-Dichlorobenzene	8.40	146	132333	42.594	ng		98
15) Benzyl Alcohol	8.28	79	126726	45.868	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	280135	44.889	ng		99
17) 2-Methylphenol	8.49	107	119290	48.733	ng		96
18) Hexachloroethane	9.12	117	52984	44.909	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	112684	39.782	ng		98
20) 3+4-Methylphenols	8.81	107	160533	47.142	ng		99
22) Acetophenone	8.87	105	197032	48.962	ng	#	96
24) Nitrobenzene	9.25	77	170680	49.981	ng		99
25) Isophorone	9.77	82	320915	54.923	ng		98
26) 2-Nitrophenol	9.96	139	72643	53.369	ng		99
27) 2,4-Dimethylphenol	10.01	122	128847	60.769	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	181523	50.348	ng		97
29) 2,4-Dichlorophenol	10.49	162	136464	55.521	ng		96
30) 1,2,4-Trichlorobenzene	10.71	180	145037	47.153	ng		99
31) Naphthalene	10.89	128	417263	51.212	ng		98
32) Benzoic acid	10.15	122	52486m	34.211	ng		
33) 4-Chloroaniline	11.01	127	102317	27.619	ng		95
34) Hexachlorobutadiene	11.18	225	98136	46.135	ng		97
35) Caprolactam	11.79	113	52695m	52.089	ng		
36) 4-Chloro-3-methylphenol	12.12	107	163478	55.742	ng		95
37) 2-Methylnaphthalene	12.50	142	323119	52.070	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	184315	47.135	ng		99
40) Hexachlorocyclopentadiene	12.84	237	216323	107.564	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	119585	55.072	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	134177	57.949	ng		99
45) 1,1'-Biphenyl	13.50	154	428575	49.913	ng		100
46) 2-Chloronaphthalene	13.55	162	323498	47.908	ng		99
47) 2-Nitroaniline	13.75	65	126307	54.080	ng		95
48) Acenaphthylene	14.39	152	559881	52.913	ng		99
49) Dimethylphthalate	14.12	163	439940	48.749	ng		98
50) 2,6-Dinitrotoluene	14.24	165	99223	50.393	ng		97
51) Acenaphthene	14.73	154	322903	50.493	ng		99
52) 3-Nitroaniline	14.58	138	75334	36.309	ng		97
53) 2,4-Dinitrophenol	14.78	184	32553	39.554	ng	#	84
54) Dibenzofuran	15.07	168	531583	49.143	ng		98
55) 4-Nitrophenol	14.88	139	138603	104.568	ng		88
56) 2,4-Dinitrotoluene	15.03	165	141917	51.653	ng		91
57) Fluorene	15.72	166	431409	53.359	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	133425	56.804	ng		98
59) Diethylphthalate	15.48	149	451951	49.653	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	240543	46.979	ng		99
61) 4-Nitroaniline	15.74	138	107754	49.373	ng		93
62) Azobenzene	16.00	77	464817	53.147	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	52322	35.507	ng		94
65) n-Nitrosodiphenylamine	15.92	169	388766	49.962	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	155390	48.469	ng		96
67) Hexachlorobenzene	16.72	284	159332	48.255	ng		99
68) Atrazine	16.87	200	165730	52.602	ng		100
69) Pentachlorophenol	17.06	266	160952	77.423	ng		98
70) Phenanthrene	17.46	178	719627	52.982	ng		98
71) Anthracene	17.55	178	731607	54.474	ng		99
72) Carbazole	17.82	167	648616	49.533	ng		98
73) Di-n-butylphthalate	18.37	149	755843	51.976	ng		99
74) Fluoranthene	19.46	202	888220	54.327	ng		99
76) Benzidine	19.64	184	403551	45.337	ng		99
77) Pyrene	19.82	202	877690	49.673	ng		99
79) Butylbenzylphthalate	20.71	149	366694	52.066	ng		99
80) Benzo(a)anthracene	21.66	228	889865	51.772	ng		100
81) 3,3'-Dichlorobenzidine	21.58	252	236358	36.126	ng		99
82) Chrysene	21.73	228	833447	50.185	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	500972	50.918	ng		100
84) Di-n-octyl phthalate	22.77	149	850716	52.516	ng		100
85) Indeno(1,2,3-cd)pyrene	28.53	276	999101	56.023	ng	#	96
87) Benzo(b)fluoranthene	23.87	252	868052	53.668	ng		98
88) Benzo(k)fluoranthene	23.94	252	860866	53.051	ng		99
89) Benzo(a)pyrene	24.74	252	850263	54.375	ng		100
90) Dibenzo(a,h)anthracene	28.60	278	806299	55.018	ng		98
91) Benzo(g,h,i)perylene	29.68	276	821951	55.884	ng		98

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

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