Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101718\
Data File : BG037393.D
Acq On : 17 Oct 2018 16:52
Operator : JU/SJ
Sample : PB113913BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB113913BS

Manual Integrations APPROVED
Sohil
10/18/2018 2:25:25 PM

Quant Time: Oct 18 11:49:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 15:19:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	54411	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	258211	20.00	ng		-0.02
39) Acenaphthene-d10	14.75	164	173747	20.00	ng		-0.01
64) Phenanthrene-d10	17.49	188	432654	20.00	ng		-0.02
76) Chrysene-d12	21.78	240	398018	20.00	ng		-0.02
87) Perylene-d12	25.12	264	411790	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	492765	159.38	ng		0.00
7) Phenol-d6	7.26	99	694988	148.10	ng		0.00
23) Nitrobenzene-d5	9.29	82	353196	89.93	ng		-0.01
42) 2,4,6-Tribromophenol	16.23	330	258964	151.98	ng		-0.01
45) 2-Fluorobiphenyl	13.37	172	888891	76.83	ng		-0.01
79) Terphenyl-d14	20.09	244	1167227	61.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	75891	43.706	ng		95
3) Pyridine	3.93	79	150852	36.591	ng		94
4) n-Nitrosodimethylamine	3.85	42	67020	41.861	ng	#	90
6) Aniline	7.43	93	218610	35.587	ng		100
8) 2-Chlorophenol	7.67	128	177666	49.100	ng		98
9) Benzaldehyde	7.25	77	91588	28.348	ng		96
10) Phenol	7.28	94	240277	48.616	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	159302	39.454	ng		93
12) 1,3-Dichlorobenzene	8.00	146	165085	38.809	ng		98
13) 1,4-Dichlorobenzene	8.15	146	171299	39.775	ng		97
14) 1,2-Dichlorobenzene	8.47	146	163982	39.294	ng		99
15) Benzyl Alcohol	8.35	79	162741	44.335	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	293002	36.707	ng		97
17) 2-Methylphenol	8.54	107	164707	49.760	ng		99
18) Hexachloroethane	9.19	117	61104	41.570	ng		93
19) n-Nitroso-di-n-propylamine	8.92	70	137886	38.810	ng		92
20) 3+4-Methylphenols	8.87	107	227955	49.253	ng		98
22) Acetophenone	8.94	105	256822	39.457	ng	#	97
24) Nitrobenzene	9.33	77	192309	45.716	ng		96
25) Isophorone	9.85	82	392380	43.764	ng		99
26) 2-Nitrophenol	10.04	139	90730	55.441	ng		99
27) 2,4-Dimethylphenol	10.08	122	193979	51.761	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	238464	42.511	ng		94
29) 2,4-Dichlorophenol	10.57	162	190844	50.167	ng		97
30) 1,2,4-Trichlorobenzene	10.79	180	179401	38.755	ng		97
31) Naphthalene	10.99	128	539393	42.983	ng		100
32) Benzoic acid	10.21	122	112580	54.405	ng		96
33) 4-Chloroaniline	11.09	127	156452	26.577	ng		98
34) Hexachlorobutadiene	11.25	225	105419	36.672	ng		97
35) Caprolactam	11.87	113	74110m	47.787	ng		
36) 4-Chloro-3-methylphenol	12.19	107	211802	47.143	ng		97
37) 2-Methylnaphthalene	12.58	142	421829	46.062	ng		99
38) 1-Methylnaphthalene	12.80	142	398757	44.582	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	213407	37.928	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	258608	111.488	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	164006	50.245	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	179802	51.197	ng		98
46) 1,1'-Biphenyl	13.58	154	547004	38.272	ng		98
47) 2-Chloronaphthalene	13.62	162	427580	39.605	ng		98
48) 2-Nitroaniline	13.83	65	144711	49.296	ng		99
49) Acenaphthylene	14.47	152	722723	43.761	ng		99
50) Dimethylphthalate	14.19	163	578104	42.339	ng		100
51) 2,6-Dinitrotoluene	14.32	165	129281	48.669	ng		94
52) Acenaphthene	14.81	154	423176	41.483	ng		99
53) 3-Nitroaniline	14.65	138	109079	38.182	ng	#	95
54) 2,4-Dinitrophenol	14.86	184	79295	116.057	ng		95
55) Dibenzofuran	15.14	168	676819	40.888	ng		99
56) 4-Nitrophenol	14.94	139	229259	102.950	ng		99
57) 2,4-Dinitrotoluene	15.11	165	179710	52.921	ng		95
58) Fluorene	15.79	166	549383	43.885	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	160907	51.750	ng		99
60) Diethylphthalate	15.55	149	594479	42.011	ng		99
61) 4-Chlorophenyl-phenylether	15.78	204	287969	39.353	ng		99
62) 4-Nitroaniline	15.82	138	146385	48.819	ng		94
63) Azobenzene	16.07	77	548039	40.394	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	77377	56.005	ng		99
66) n-Nitrosodiphenylamine	15.99	169	511546	40.261	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	185449	39.716	ng		97
68) Hexachlorobenzene	16.78	284	186792	38.583	ng		99
69) Atrazine	16.94	200	201342	42.636	ng		97
70) Pentachlorophenol	17.13	266	233100	74.627	ng		96
71) Phenanthrene	17.54	178	922767	41.899	ng		99
72) Anthracene	17.63	178	942895	43.740	ng		97
73) Carbazole	17.90	167	877837	39.523	ng		99
74) Di-n-butylphthalate	18.44	149	1026376	43.115	ng		100
75) Fluoranthene	19.54	202	1104270	42.899	ng		97
77) Benzidine	19.72	184	537985	35.332	ng		99
78) Pyrene	19.90	202	1106557	42.658	ng		99
80) Butylbenzylphthalate	20.78	149	471588	46.726	ng		97
81) Benzo(a)anthracene	21.76	228	1032389	43.309	ng		98
82) 3,3'-Dichlorobenzidine	21.67	252	270156	29.380	ng		97
83) Chrysene	21.83	228	956786	42.077	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	655806	45.251	ng		98
85) Di-n-octyl phthalate	22.89	149	1110208	47.197	ng		97
86) Indeno(1,2,3-cd)pyrene	28.96	276	1103889	43.798	ng		98
88) Benzo(b)fluoranthene	24.05	252	1012843	45.240	ng		99
89) Benzo(k)fluoranthene	24.12	252	987099m	44.682	ng		
90) Benzo(a)pyrene	24.96	252	989381	46.086	ng		99
91) Dibenzo(a,h)anthracene	29.02	278	905349	44.075	ng		97
92) Benzo(g,h,i)perylene	30.17	276	922206	44.952	ng		99

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

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