Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037217.D
Acq On : 6 Oct 2018 17:53
Operator : JU/SJ
Sample : PB113547BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB113547BSD

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:26 PM

Quant Time: Oct 08 05:19:29 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	8.03	152	32677	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	141016	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	95166	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	265388	20.00	ng		-0.02
75) Chrysene-d12	21.67	240	271715	20.00	ng		-0.02
86) Perylene-d12	24.86	264	277955	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	145336	85.30	ng		-0.02
7) Phenol-d6	7.20	99	208444	79.07	ng		-0.02
23) Nitrobenzene-d5	9.19	82	195188	74.12	ng		-0.02
41) 2,4,6-Tribromophenol	16.14	330	94176	82.71	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	454026	71.06	ng		-0.02
78) Terphenyl-d14	20.01	244	899460	87.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	26477	33.959	ng		95
3) Pyridine	3.91	79	72564	32.233	ng		98
4) n-Nitrosodimethylamine	3.82	42	36873	36.852	ng	#	96
6) Aniline	7.35	93	68423	20.003	ng		97
8) 2-Chlorophenol	7.59	128	73806	37.305	ng		94
9) Benzaldehyde	7.17	77	46724	26.823	ng		97
10) Phenol	7.22	94	103439	38.019	ng		93
11) bis(2-Chloroethyl)ether	7.45	93	71033	28.225	ng		99
12) 1,3-Dichlorobenzene	7.92	146	77756	32.057	ng		97
13) 1,4-Dichlorobenzene	8.06	146	76553	30.841	ng		97
14) 1,2-Dichlorobenzene	8.38	146	76601	31.845	ng		97
15) Benzyl Alcohol	8.27	79	63845	29.847	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	154216	31.918	ng		95
17) 2-Methylphenol	8.47	107	67862	35.808	ng		97
18) Hexachloroethane	9.11	117	30801	33.720	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	64312	29.326	ng		96
20) 3+4-Methylphenols	8.80	107	95140	36.086	ng		98
22) Acetophenone	8.85	105	114022	34.408	ng	#	96
24) Nitrobenzene	9.23	77	97609	34.710	ng		99
25) Isophorone	9.75	82	185155	38.481	ng		99
26) 2-Nitrophenol	9.95	139	40724	36.332	ng		99
27) 2,4-Dimethylphenol	10.00	122	74999	42.954	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	106704	35.939	ng		99
29) 2,4-Dichlorophenol	10.49	162	78154	38.613	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	81666	32.241	ng		98
31) Naphthalene	10.89	128	244215	36.398	ng		99
32) Benzoic acid	10.14	122	30673m	25.968	ng		
33) 4-Chloroaniline	11.00	127	53524	17.545	ng		98
34) Hexachlorobutadiene	11.17	225	53521	30.554	ng		95
35) Caprolactam	11.76	113	31606	37.939	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	100826	41.748	ng		98
37) 2-Methylnaphthalene	12.48	142	190514	37.281	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	104195	31.391	ng		98
40) Hexachlorocyclopentadiene	12.83	237	111123	65.095	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	69010	37.441	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	81201	41.315	ng		96
45) 1,1'-Biphenyl	13.49	154	252051	34.583	ng		96
46) 2-Chloronaphthalene	13.53	162	193409	33.744	ng		99
47) 2-Nitroaniline	13.74	65	78202	39.446	ng		95
48) Acenaphthylene	14.38	152	340671	37.930	ng		99
49) Dimethylphthalate	14.10	163	280495	36.617	ng		99
50) 2,6-Dinitrotoluene	14.23	165	63364	37.912	ng		97
51) Acenaphthene	14.72	154	193016	35.558	ng		99
52) 3-Nitroaniline	14.57	138	41660	23.655	ng		96
53) 2,4-Dinitrophenol	14.77	184	30003	42.292	ng		92
54) Dibenzofuran	15.05	168	333461	36.318	ng		100
55) 4-Nitrophenol	14.87	139	86739	77.094	ng		93
56) 2,4-Dinitrotoluene	15.02	165	92450	39.642	ng		97
57) Fluorene	15.70	166	272269	39.674	ng		94
58) 2,3,4,6-Tetrachlorophenol	15.28	232	85921	43.095	ng		98
59) Diethylphthalate	15.47	149	291578	37.739	ng		98
60) 4-Chlorophenyl-phenylether	15.69	204	146971	33.816	ng		96
61) 4-Nitroaniline	15.73	138	71387	38.535	ng		96
62) Azobenzene	15.98	77	294301	39.644	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	42523	30.647	ng		97
65) n-Nitrosodiphenylamine	15.91	169	253688	34.626	ng		96
66) 4-Bromophenyl-phenylether	16.58	248	96895	32.099	ng		95
67) Hexachlorobenzene	16.71	284	99167	31.897	ng		98
68) Atrazine	16.85	200	108708	36.644	ng		97
69) Pentachlorophenol	17.05	266	106995	54.661	ng		97
70) Phenanthrene	17.44	178	480548	37.575	ng		98
71) Anthracene	17.54	178	502330	39.723	ng		99
72) Carbazole	17.81	167	445370	36.122	ng		98
73) Di-n-butylphthalate	18.35	149	530052	38.711	ng		98
74) Fluoranthene	19.45	202	600319	38.996	ng		98
76) Benzidine	19.63	184	201502	24.532	ng		97
77) Pyrene	19.81	202	593525	36.401	ng		98
79) Butylbenzylphthalate	20.69	149	242549	37.320	ng		97
80) Benzo(a)anthracene	21.65	228	585305	36.902	ng		97
81) 3,3'-Dichlorobenzidine	21.56	252	131535	21.787	ng	#	98
82) Chrysene	21.71	228	556318	36.301	ng		98
83) Bis(2-ethylhexyl)phthalate	21.55	149	335620	36.966	ng		99
84) Di-n-octyl phthalate	22.75	149	572206	38.278	ng		98
85) Indeno(1,2,3-cd)pyrene	28.49	276	638634	38.807	ng		98
87) Benzo(b)fluoranthene	23.85	252	546215	36.874	ng		98
88) Benzo(k)fluoranthene	23.91	252	569114	38.295	ng		99
89) Benzo(a)pyrene	24.70	252	547012	38.197	ng		98
90) Dibenzo(a,h)anthracene	28.55	278	510928	38.068	ng		99
91) Benzo(g,h,i)perylene	29.62	276	513973	38.157	ng		99

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

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