Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102918\
Data File : BG037618.D
Acq On : 29 Oct 2018 11:56
Operator : JU/SJ
Sample : PB114233BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB114233BS

Manual Integrations APPROVED
Sohil
10/30/2018 5:50:22 PM

Quant Time: Oct 29 14:50:07 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	48918	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	222059	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	150723	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	371367	20.00	ng		0.00
76) Chrysene-d12	21.77	240	338806	20.00	ng		0.00
87) Perylene-d12	25.10	264	351556	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	460613	157.42	ng		0.00
7) Phenol-d6	7.25	99	651678	147.29	ng		0.00
23) Nitrobenzene-d5	9.28	82	303563	76.58	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	243136	147.90	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	747881	74.82	ng		-0.01
79) Terphenyl-d14	20.08	244	1170092	73.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47796	32.211	ng		96
3) Pyridine	3.93	79	136917	36.609	ng		94
4) n-Nitrosodimethylamine	3.85	42	59141	44.397	ng	#	91
6) Aniline	7.43	93	172620	31.981	ng		97
8) 2-Chlorophenol	7.66	128	151627	44.297	ng		99
9) Benzaldehyde	7.24	77	80223	28.986	ng		98
10) Phenol	7.28	94	206146	44.159	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	140995	39.767	ng		95
12) 1,3-Dichlorobenzene	7.99	146	150892	39.597	ng		98
13) 1,4-Dichlorobenzene	8.14	146	151441	38.851	ng		99
14) 1,2-Dichlorobenzene	8.46	146	144869	38.636	ng		99
15) Benzyl Alcohol	8.34	79	135694	41.507	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.63	45	256313	40.402	ng		99
17) 2-Methylphenol	8.53	107	139523	45.208	ng		99
18) Hexachloroethane	9.18	117	53248	40.070	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	114218	37.489	ng		95
20) 3+4-Methylphenols	8.86	107	190731	43.225	ng		99
22) Acetophenone	8.93	105	220855	39.657	ng	#	98
24) Nitrobenzene	9.33	77	168989	41.037	ng		95
25) Isophorone	9.84	82	329532	45.497	ng		97
26) 2-Nitrophenol	10.03	139	78472	42.300	ng		98
27) 2,4-Dimethylphenol	10.07	122	166492	50.265	ng		98
28) bis(2-Chloroethoxy)methane	10.32	93	202310	42.633	ng		97
29) 2,4-Dichlorophenol	10.56	162	165880	44.979	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	155331	38.731	ng		97
31) Naphthalene	10.98	128	473156	43.381	ng		99
32) Benzoic acid	10.20	122	92861	43.164	ng		99
33) 4-Chloroaniline	11.08	127	121091	23.629	ng		96
34) Hexachlorobutadiene	11.24	225	88918	37.409	ng		96
35) Caprolactam	11.87	113	62483m	42.244	ng		
36) 4-Chloro-3-methylphenol	12.19	107	183798	44.192	ng		99
37) 2-Methylnaphthalene	12.57	142	357518	44.967	ng		100
38) 1-Methylnaphthalene	12.79	142	344137	44.570	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	177812	36.575	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	212954	91.700	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	138191	42.547	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	156270	44.190	ng		98
46) 1,1'-Biphenyl	13.57	154	464992	37.252	ng		98
47) 2-Chloronaphthalene	13.62	162	373723	39.574	ng		98
48) 2-Nitroaniline	13.83	65	125683	43.887	ng		89
49) Acenaphthylene	14.46	152	626373	44.093	ng		99
50) Dimethylphthalate	14.18	163	493474	42.321	ng		100
51) 2,6-Dinitrotoluene	14.31	165	108865	42.204	ng		99
52) Acenaphthene	14.80	154	361924	41.368	ng		100
53) 3-Nitroaniline	14.65	138	94804	33.107	ng	#	93
54) 2,4-Dinitrophenol	14.85	184	70231	68.096	ng		91
55) Dibenzofuran	15.14	168	591106	40.779	ng		99
56) 4-Nitrophenol	14.94	139	259483	122.420	ng		98
57) 2,4-Dinitrotoluene	15.10	165	158713	46.873	ng	#	95
58) Fluorene	15.78	166	478999	44.128	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	134720	44.495	ng		98
60) Diethylphthalate	15.54	149	509465	42.558	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	252783	39.954	ng		98
62) 4-Nitroaniline	15.81	138	123638	43.451	ng		95
63) Azobenzene	16.06	77	485429	42.501	ng		98
65) 4,6-Dinitro-2-methylphenol	15.85	198	69174	37.712	ng		97
66) n-Nitrosodiphenylamine	15.99	169	447613	40.070	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	157479	38.615	ng		97
68) Hexachlorobenzene	16.78	284	160216	37.906	ng		98
69) Atrazine	16.93	200	164518	40.734	ng		99
70) Pentachlorophenol	17.12	266	185518	65.527	ng		96
71) Phenanthrene	17.53	178	810082	42.920	ng		100
72) Anthracene	17.62	178	819961	44.269	ng		98
73) Carbazole	17.89	167	749005	40.426	ng		99
74) Di-n-butylphthalate	18.43	149	887033	43.038	ng		99
75) Fluoranthene	19.53	202	944323	44.113	ng		99
77) Benzidine	19.71	184	372156	32.304	ng		99
78) Pyrene	19.90	202	942662	42.561	ng		99
80) Butylbenzylphthalate	20.77	149	400415	44.174	ng		99
81) Benzo(a)anthracene	21.75	228	883908	44.107	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	228289	29.390	ng		99
83) Chrysene	21.82	228	821617	42.637	ng		98
84) Bis(2-ethylhexyl)phthalate	21.62	149	560691	44.129	ng		99
85) Di-n-octyl phthalate	22.87	149	937037	45.227	ng		98
86) Indeno(1,2,3-cd)pyrene	28.92	276	836260	40.461	ng	#	95
88) Benzo(b)fluoranthene	24.04	252	864081	44.832	ng		99
89) Benzo(k)fluoranthene	24.11	252	834011	44.167	ng		97
90) Benzo(a)pyrene	24.95	252	834157	45.547	ng		99
91) Dibenzo(a,h)anthracene	28.99	278	650659	38.515	ng		98
92) Benzo(g,h,i)perylene	30.12	276	660728	38.659	ng		100

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

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