Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120718\
Data File : BG038424.D
Acq On : 8 Dec 2018 5:57
Operator : JU/SJ
Sample : PB115307BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB115307BSD

Manual Integrations APPROVED
Sohil
12/11/2018 10:30:38 AM

Quant Time: Dec 10 02:55:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	36301	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	100914	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	67666	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	171410	20.00	ng		0.00
76) Chrysene-d12	21.73	240	163836	20.00	ng		-0.01
87) Perylene-d12	25.04	264	168958	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	121714	59.33	ng		0.00
7) Phenol-d6	7.22	99	265076	89.41	ng		0.00
23) Nitrobenzene-d5	9.24	82	239359	117.76	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	78102	94.02	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	385388	81.16	ng		0.00
79) Terphenyl-d14	20.05	244	661670	86.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	16872	17.946	ng	#	84
3) Pyridine	3.90	79	85209	30.295	ng		96
4) n-Nitrosodimethylamine	3.82	42	45934	37.283	ng		97
6) Aniline	7.39	93	81741	21.586	ng		96
8) 2-Chlorophenol	7.63	128	75366	31.635	ng		99
9) Benzaldehyde	7.21	77	47223	25.153	ng		99
10) Phenol	7.25	94	132437	42.278	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	73278	28.563	ng		96
12) 1,3-Dichlorobenzene	7.95	146	106072	38.095	ng		98
13) 1,4-Dichlorobenzene	8.11	146	108925	37.809	ng		99
14) 1,2-Dichlorobenzene	8.42	146	103606	38.814	ng		97
15) Benzyl Alcohol	8.30	79	84875	34.820	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.59	45	197525	33.849	ng		99
17) 2-Methylphenol	8.50	107	97315	45.120	ng		96
18) Hexachloroethane	9.15	117	38597	37.120	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	83054	38.235	ng		97
20) 3+4-Methylphenols	8.83	107	137304	43.507	ng		98
22) Acetophenone	8.90	105	154889	65.226	ng	#	99
24) Nitrobenzene	9.29	77	118378	57.324	ng		95
25) Isophorone	9.80	82	146056	40.889	ng		98
26) 2-Nitrophenol	10.00	139	37436	39.124	ng	#	88
27) 2,4-Dimethylphenol	10.04	122	69838	50.815	ng		97
28) bis(2-Chloroethoxy)methane	10.28	93	86166	42.079	ng		99
29) 2,4-Dichlorophenol	10.53	162	72206	46.025	ng		95
30) 1,2,4-Trichlorobenzene	10.74	180	71766	38.969	ng		100
31) Naphthalene	10.94	128	204746	42.475	ng		98
32) Benzoic acid	10.18	122	30095	32.545	ng		94
33) 4-Chloroaniline	11.06	127	15484	7.256	ng		93
34) Hexachlorobutadiene	11.20	225	45234	39.261	ng		96
35) Caprolactam	11.83	113	27400m	42.234	ng		
36) 4-Chloro-3-methylphenol	12.16	107	80575	46.225	ng		95
37) 2-Methylnaphthalene	12.54	142	154923	45.129	ng		96
38) 1-Methylnaphthalene	12.75	142	148808	45.259	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	87860	37.734	ng		98

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Quant Time: Dec 10 02:55:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 04 17:15:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	118328	92.477	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	63482	42.088	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	70473	44.105	ng		96
46) 1,1'-Biphenyl	13.54	154	209457	36.620	ng		99
47) 2-Chloronaphthalene	13.59	162	163817	37.955	ng		99
48) 2-Nitroaniline	13.80	65	59150	40.849	ng		97
49) Acenaphthylene	14.43	152	278559	42.853	ng		98
50) Dimethylphthalate	14.15	163	226517	41.736	ng		100
51) 2,6-Dinitrotoluene	14.29	165	51425	41.479	ng		92
52) Acenaphthene	14.77	154	160288	40.448	ng		99
53) 3-Nitroaniline	14.62	138	28484	21.333	ng	#	96
54) 2,4-Dinitrophenol	14.83	184	65233	95.985	ng	#	84
55) Dibenzofuran	15.10	168	266974	40.751	ng		97
56) 4-Nitrophenol	14.92	139	81684	77.444	ng	#	78
57) 2,4-Dinitrotoluene	15.07	165	75292	44.032	ng		97
58) Fluorene	15.75	166	215051	44.555	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.33	232	63832	45.996	ng		97
60) Diethylphthalate	15.51	149	239179	39.778	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	118137	40.749	ng		98
62) 4-Nitroaniline	15.78	138	53994	41.114	ng	#	86
63) Azobenzene	16.03	77	211974	40.281	ng		94
65) 4,6-Dinitro-2-methylphenol	15.83	198	45434	40.454	ng		95
66) n-Nitrosodiphenylamine	15.95	169	200196	41.533	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	78273	42.286	ng		96
68) Hexachlorobenzene	16.75	284	80202	42.006	ng		94
69) Atrazine	16.89	200	78996	43.921	ng		99
70) Pentachlorophenol	17.09	266	94794	72.487	ng		97
71) Phenanthrene	17.49	178	379219	44.177	ng		98
72) Anthracene	17.59	178	385328	46.353	ng		99
73) Carbazole	17.86	167	345194	41.839	ng		98
74) Di-n-butylphthalate	18.39	149	416108	43.171	ng		97
75) Fluoranthene	19.50	202	466751	46.539	ng		97
77) Benzidine	19.69	184	185046	33.471	ng		100
78) Pyrene	19.86	202	460399	40.163	ng		98
80) Butylbenzylphthalate	20.73	149	184133	39.937	ng		97
81) Benzo(a)anthracene	21.71	228	433618	43.063	ng		99
82) 3,3'-Dichlorobenzidine	21.62	252	99475	25.395	ng		97
83) Chrysene	21.78	228	401209	42.105	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	255720	39.131	ng		99
85) Di-n-octyl phthalate	22.81	149	436270	38.934	ng		98
86) Indeno(1,2,3-cd)pyrene	28.82	276	477756	44.117	ng	#	95
88) Benzo(b)fluoranthene	23.98	252	422560	44.262	ng	#	97
89) Benzo(k)fluoranthene	24.05	252	415489	43.698	ng	#	97
90) Benzo(a)pyrene	24.88	252	410347	44.313	ng		97
91) Dibenzo(a,h)anthracene	28.89	278	389724	44.374	ng		97
92) Benzo(g,h,i)perylene	30.01	276	400677	45.982	ng	#	94

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

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