Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120418\
Data File : BG038335.D
Acq On : 4 Dec 2018 21:56
Operator : JU/SJ
Sample : J5764-22MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JC-02-113018-AMS

Manual Integrations APPROVED
mohammad
12/6/2018 10:32:30 AM

Quant Time: Dec 05 03:32:05 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	8.07	152	28364	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	119703	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	78358	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	195666	20.00	ng		0.00
76) Chrysene-d12	21.74	240	184125	20.00	ng		0.00
87) Perylene-d12	25.05	264	193897	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	177856	110.97	ng		0.00
7) Phenol-d6	7.22	99	230995	99.71	ng		0.00
23) Nitrobenzene-d5	9.25	82	187568	77.80	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	122223	127.06	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	409836	74.53	ng		0.00
79) Terphenyl-d14	20.06	244	711045	82.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	22398	30.490	ng	#	1
3) Pyridine	3.92	79	89177	40.578	ng		97
4) n-Nitrosodimethylamine	3.83	42	48700	50.589	ng		93
6) Aniline	7.40	93	48309	16.327	ng		97
8) 2-Chlorophenol	7.63	128	81596	43.834	ng		97
9) Benzaldehyde	7.21	77	45574	31.068	ng		97
10) Phenol	7.25	94	88653	36.220	ng		93
11) bis(2-Chloroethyl)ether	7.49	93	78954	39.387	ng		98
12) 1,3-Dichlorobenzene	7.96	146	84621	38.895	ng		96
13) 1,4-Dichlorobenzene	8.11	146	86791	38.556	ng		99
14) 1,2-Dichlorobenzene	8.43	146	83126	40.128	ng		97
15) Benzyl Alcohol	8.31	79	77618	40.754	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	177571	38.945	ng		96
17) 2-Methylphenol	8.51	107	71574	42.068	ng		97
18) Hexachloroethane	9.15	117	32075	39.479	ng		93
19) n-Nitroso-di-n-propylamine	8.88	70	67652	39.954	ng		94
20) 3+4-Methylphenols	8.84	107	98282	39.857	ng		95
22) Acetophenone	8.90	105	127047	44.246	ng	#	95
24) Nitrobenzene	9.29	77	110544	45.128	ng		97
25) Isophorone	9.81	82	229955	54.272	ng		99
26) 2-Nitrophenol	10.01	139	49428	43.549	ng		95
27) 2,4-Dimethylphenol	10.05	122	86335	52.959	ng		96
28) bis(2-Chloroethoxy)methane	10.29	93	112241	46.209	ng		99
29) 2,4-Dichlorophenol	10.54	162	88308	47.454	ng		98
30) 1,2,4-Trichlorobenzene	10.75	180	89399	40.924	ng		99
31) Naphthalene	10.94	128	260609	45.578	ng		98
32) Benzoic acid	10.18	122	40624	36.379	ng		97
33) 4-Chloroaniline	11.06	127	12097	4.779	ng	#	86
34) Hexachlorobutadiene	11.20	225	55525	40.629	ng		98
35) Caprolactam	11.84	113	24113m	31.334	ng		
36) 4-Chloro-3-methylphenol	12.16	107	111093	53.730	ng		98
37) 2-Methylnaphthalene	12.54	142	200213	49.168	ng		97
38) 1-Methylnaphthalene	12.76	142	186877	47.917	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	107018	39.691	ng		99

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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	12.87	237	124137	83.779	ng		99
43) 2,4,6-Trichlorophenol	13.14	196	78165	44.752	ng		99
44) 2,4,5-Trichlorophenol	13.21	196	86554	46.777	ng		95
46) 1,1'-Biphenyl	13.54	154	262914	39.694	ng		99
47) 2-Chloronaphthalene	13.59	162	203473	40.710	ng		99
48) 2-Nitroaniline	13.80	65	74986	44.719	ng		95
49) Acenaphthylene	14.44	152	347594	46.177	ng		99
50) Dimethylphthalate	14.16	163	292207	46.493	ng		99
51) 2,6-Dinitrotoluene	14.29	165	65267	45.461	ng		93
52) Acenaphthene	14.77	154	200183	43.623	ng		98
53) 3-Nitroaniline	14.62	138	19302	12.483	ng	#	95
54) 2,4-Dinitrophenol	14.83	184	86043	109.330	ng	#	85
55) Dibenzofuran	15.11	168	328556	43.308	ng		96
56) 4-Nitrophenol	14.92	139	96467	78.980	ng		80
57) 2,4-Dinitrotoluene	15.08	165	93140	47.037	ng		97
58) Fluorene	15.76	166	270064	48.318	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	78205	48.664	ng		96
60) Diethylphthalate	15.51	149	302941	43.507	ng		99
61) 4-Chlorophenyl-phenylether	15.74	204	144050	42.907	ng		98
62) 4-Nitroaniline	15.79	138	67328	44.272	ng		89
63) Azobenzene	16.03	77	272575	44.730	ng		96
65) 4,6-Dinitro-2-methylphenol	15.84	198	55870	43.580	ng		94
66) n-Nitrosodiphenylamine	15.96	169	246284	44.761	ng		97
67) 4-Bromophenyl-phenylether	16.64	248	93245	44.129	ng		97
68) Hexachlorobenzene	16.75	284	95738	43.927	ng		97
69) Atrazine	16.90	200	98866	48.154	ng		97
70) Pentachlorophenol	17.10	266	118994	79.712	ng		97
71) Phenanthrene	17.50	178	466682	47.626	ng		98
72) Anthracene	17.59	178	472101	49.751	ng		99
73) Carbazole	17.86	167	424969	45.123	ng		99
74) Di-n-butylphthalate	18.40	149	726211	66.003	ng		99
75) Fluoranthene	19.51	202	555732	48.542	ng		98
77) Benzidine	19.69	184	103212	16.612	ng		98
78) Pyrene	19.87	202	562089	43.631	ng		97
80) Butylbenzylphthalate	20.74	149	229131	44.221	ng		99
81) Benzo(a)anthracene	21.72	228	522907	46.208	ng		100
82) 3,3'-Dichlorobenzidine	21.63	252	84697	19.240	ng		98
83) Chrysene	21.79	228	485126	45.301	ng		98
84) Bis(2-ethylhexyl)phthalate	21.59	149	320736	43.672	ng		98
85) Di-n-octyl phthalate	22.82	149	547764	43.498	ng		97
86) Indeno(1,2,3-cd)pyrene	28.84	276	585308	48.092	ng		98
88) Benzo(b)fluoranthene	23.99	252	518859	47.359	ng		98
89) Benzo(k)fluoranthene	24.06	252	492386	45.125	ng		98
90) Benzo(a)pyrene	24.89	252	496894	46.758	ng		97
91) Dibenzo(a,h)anthracene	28.91	278	479040	47.528	ng		99
92) Benzo(g,h,i)perylene	30.04	276	481135	48.114	ng		96

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

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