Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120919\
Data File : BG043796.D
Acq On : 9 Dec 2019 19:47
Operator : JU
Sample : 8270-SPIKE
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
8270-SPIKE

Manual Integrations APPROVED
mohammad
12/10/2019 11:51:14 AM

Quant Time: Dec 10 11:18:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG120919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 09 18:16:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	117271	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	534990	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	394457	20.00	ng	0.00
64) Phenanthrene-d10	17.38	188	949260	20.00	ng	0.00
76) Chrysene-d12	21.64	240	806973	20.00	ng	0.00
87) Perylene-d12	24.80	264	905186	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0d	0.00	ng	
7) Phenol-d6	0.00	99	0d	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0d	0.00	ng	
42) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
45) 2-Fluorobiphenyl	0.00	172	0d	0.00	ng	
79) Terphenyl-d14	0.00	244	0d	0.00	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	3.48	88	129674	45.243	ng	97
3) Pyridine	3.87	79	326462	41.219	ng	99
4) n-Nitrosodimethylamine	3.79	42	186780	49.186	ng	100
6) Aniline	7.32	93	548353	46.428	ng	100
8) 2-Chlorophenol	7.57	128	413572	57.338	ng	98
9) Benzaldehyde	7.14	77	331512	69.629	ng	92
10) Phenol	7.19	94	532653	57.799	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	379311	48.507	ng	98
12) 1,3-Dichlorobenzene	7.90	146	416100	48.139	ng	99
13) 1,4-Dichlorobenzene	8.04	146	418117	48.393	ng	99
14) 1,2-Dichlorobenzene	8.36	146	408854	49.115	ng	99
15) Benzyl Alcohol	8.24	79	370290	52.127	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	564283	45.025	ng	99
17) 2-Methylphenol	8.44	107	368850	56.070	ng	99
18) Hexachloroethane	9.10	117	147554	46.998	ng	98
19) n-Nitroso-di-n-propylamine	8.81	70	318701	46.702	ng	99
20) 3+4-Methylphenols	8.77	107	509188	55.588	ng	99
22) Acetophenone	8.82	105	562954	42.193	ng	100
24) Nitrobenzene	9.20	77	441849	45.526	ng	96
25) Isophorone	9.73	82	872599	45.855	ng	100
26) 2-Nitrophenol	9.91	139	180015	47.535	ng	99
27) 2,4-Dimethylphenol	9.98	122	406458	60.444	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	536673	44.059	ng	97
29) 2,4-Dichlorophenol	10.45	162	430097	52.084	ng	98
30) 1,2,4-Trichlorobenzene	10.67	180	425655	43.544	ng	98
31) Naphthalene	10.86	128	1176401	45.827	ng	100
32) Benzoic acid	10.11	122	229820	48.477	ng	98
33) 4-Chloroaniline	10.95	127	368323	29.593	ng	99
34) Hexachlorobutadiene	11.16	225	247966	41.865	ng	97
35) Caprolactam	11.72	113	176597m	54.491	ng	
36) 4-Chloro-3-methylphenol	12.08	107	456412	51.339	ng	98
37) 2-Methylnaphthalene	12.46	142	924216	46.451	ng	100
38) 1-Methylnaphthalene	12.68	142	882573	46.648	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	470236	39.672	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	565100	101.573	ng		100
43) 2,4,6-Trichlorophenol	13.06	196	364883	48.433	ng		99
44) 2,4,5-Trichlorophenol	13.13	196	406384	51.487	ng		98
46) 1,1'-Biphenyl	13.47	154	1177620	43.304	ng		99
47) 2-Chloronaphthalene	13.51	162	942538	42.396	ng		99
48) 2-Nitroaniline	13.70	65	314490	47.966	ng		95
49) Acenaphthylene	14.36	152	1525856	46.074	ng		98
50) Dimethylphthalate	14.09	163	1291682	45.879	ng		99
51) 2,6-Dinitrotoluene	14.20	165	301643	49.716	ng		96
52) Acenaphthene	14.70	154	1052766	48.322	ng		98
53) 3-Nitroaniline	14.52	138	248801	35.834	ng		97
54) 2,4-Dinitrophenol	14.73	184	256524	95.564	ng		91
55) Dibenzofuran	15.03	168	1471724	45.636	ng		99
56) 4-Nitrophenol	14.83	139	591366	116.747	ng		97
57) 2,4-Dinitrotoluene	14.99	165	422877	51.581	ng		98
58) Fluorene	15.68	166	1200682	46.191	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	368379m	52.018	ng		
60) Diethylphthalate	15.46	149	1316756	46.822	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	649793	44.635	ng		99
62) 4-Nitroaniline	15.69	138	335686	46.662	ng		99
63) Azobenzene	15.97	77	1198078	46.373	ng		98
65) 4,6-Dinitro-2-methylphenol	15.75	198	194176	52.026	ng		98
66) n-Nitrosodiphenylamine	15.88	169	1160780	43.997	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	423087	41.689	ng		97
68) Hexachlorobenzene	16.69	284	441170	40.986	ng		98
69) Atrazine	16.84	200	479200	56.974	ng		99
70) Pentachlorophenol	17.03	266	596373	104.156	ng		98
71) Phenanthrene	17.42	178	1967279	43.777	ng		98
72) Anthracene	17.51	178	2031210	45.661	ng		95
73) Carbazole	17.77	167	1889696	45.444	ng		97
74) Di-n-butylphthalate	18.35	149	2176102	45.650	ng		97
75) Fluoranthene	19.43	202	2334433	45.388	ng		95
77) Benzidine	19.60	184	1940626	110.231	ng	#	91
78) Pyrene	19.79	202	2328615	44.155	ng		94
80) Butylbenzylphthalate	20.68	149	998235	45.449	ng		97
81) Benzo(a)anthracene	21.62	228	2234603	43.875	ng		96
82) 3,3'-Dichlorobenzidine	21.53	252	676580	35.960	ng		100
83) Chrysene	21.68	228	2125223	43.797	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	1413050	44.853	ng		98
85) Di-n-octyl phthalate	22.75	149	2393066	46.464	ng		99
86) Indeno(1,2,3-cd)pyrene	28.39	276	2732466	43.996	ng		99
88) Benzo(b)fluoranthene	23.80	252	2318247	44.482	ng		99
89) Benzo(k)fluoranthene	23.87	252	2220582	44.107	ng		97
90) Benzo(a)pyrene	24.65	252	2159700	43.483	ng		99
91) Dibenzo(a,h)anthracene	28.46	278	2247800	45.310	ng		98
92) Benzo(g,h,i)perylene	29.51	276	2271096	46.391	ng		99

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

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