Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
Data File : BG043532.D
Acq On : 6 Nov 2019 22:44
Operator : JU
Sample : K5701-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
J-1MS

Manual Integrations APPROVED
Sohil
11/8/2019 3:29:57 PM

Quant Time: Nov 07 02:10:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	31930	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	124540	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	86648	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	210432	20.00	ng		0.00
76) Chrysene-d12	21.65	240	225885	20.00	ng		0.00
87) Perylene-d12	24.85	264	265926	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	226371	129.91	ng		0.00
7) Phenol-d6	7.19	99	321444	128.22	ng		0.00
23) Nitrobenzene-d5	9.17	82	194237	80.41	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	190687	115.64	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	492103	78.48	ng		0.00
79) Terphenyl-d14	20.00	244	930135	77.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	22994	33.863	ng	#	95
3) Pyridine	3.87	79	59676	34.840	ng		97
4) n-Nitrosodimethylamine	3.79	42	37661	43.572	ng	#	95
6) Aniline	7.34	93	78382	27.141	ng		94
8) 2-Chlorophenol	7.58	128	90162	46.874	ng		98
9) Benzaldehyde	7.15	77	48132	39.066	ng		87
10) Phenol	7.22	94	119234	52.047	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	72847	41.129	ng		98
12) 1,3-Dichlorobenzene	7.90	146	97012	40.254	ng		97
13) 1,4-Dichlorobenzene	8.04	146	101338	41.561	ng		96
14) 1,2-Dichlorobenzene	8.36	146	95904	40.283	ng		98
15) Benzyl Alcohol	8.25	79	79916	45.389	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99968	38.816	ng		97
17) 2-Methylphenol	8.47	107	77896	46.643	ng		96
18) Hexachloroethane	9.09	117	34995	39.780	ng		98
19) n-Nitroso-di-n-propylamine	8.81	70	65706	40.560	ng	#	90
20) 3+4-Methylphenols	8.80	107	106490	46.501	ng		97
22) Acetophenone	8.83	105	130363	40.875	ng		97
24) Nitrobenzene	9.22	77	101537	44.123	ng		98
25) Isophorone	9.73	82	186910	42.320	ng		99
26) 2-Nitrophenol	9.93	139	51411	46.275	ng		96
27) 2,4-Dimethylphenol	9.99	122	83842	52.653	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	103736	42.557	ng		98
29) 2,4-Dichlorophenol	10.47	162	96222	47.162	ng		92
30) 1,2,4-Trichlorobenzene	10.68	180	106179	41.292	ng		98
31) Naphthalene	10.87	128	278903	44.119	ng		99
32) Benzoic acid	10.17	122	38311	34.618	ng		96
33) 4-Chloroaniline	10.98	127	40923	15.792	ng		95
34) Hexachlorobutadiene	11.15	225	74764	39.332	ng		94
35) Caprolactam	11.75	113	32226m	45.863	ng		
36) 4-Chloro-3-methylphenol	12.11	107	100790	45.289	ng		99
37) 2-Methylnaphthalene	12.47	142	211847	43.676	ng		98
38) 1-Methylnaphthalene	12.69	142	201176	43.591	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	134646	41.989	ng		98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	136662	81.129	ng		97
43) 2,4,6-Trichlorophenol	13.08	196	84971	44.995	ng		94
44) 2,4,5-Trichlorophenol	13.16	196	91691	48.026	ng		98
46) 1,1'-Biphenyl	13.48	154	283949	43.077	ng		95
47) 2-Chloronaphthalene	13.52	162	218191	43.504	ng		99
48) 2-Nitroaniline	13.73	65	66001	44.030	ng		94
49) Acenaphthylene	14.36	152	361169	46.269	ng		99
50) Dimethylphthalate	14.09	163	362112	53.954	ng		98
51) 2,6-Dinitrotoluene	14.22	165	65610	44.998	ng		94
52) Acenaphthene	14.70	154	213154	44.778	ng		98
53) 3-Nitroaniline	14.55	138	32405	23.019	ng		100
54) 2,4-Dinitrophenol	14.76	184	74996	82.154	ng		98
55) Dibenzofuran	15.04	168	347839	45.060	ng		98
56) 4-Nitrophenol	14.89	139	93153	98.746	ng		90
57) 2,4-Dinitrotoluene	15.00	165	92381	44.334	ng		98
58) Fluorene	15.69	166	291077	44.958	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	89590	44.167	ng		96
60) Diethylphthalate	15.46	149	292037	43.306	ng		99
61) 4-Chlorophenyl-phenylether	15.68	204	162554	43.037	ng		99
62) 4-Nitroaniline	15.72	138	63064	43.378	ng		91
63) Azobenzene	15.97	77	244152	44.735	ng		96
65) 4,6-Dinitro-2-methylphenol	15.77	198	59717	48.221	ng		96
66) n-Nitrosodiphenylamine	15.90	169	258537	43.517	ng		98
67) 4-Bromophenyl-phenylether	16.57	248	117320	41.427	ng		99
68) Hexachlorobenzene	16.70	284	132179	40.662	ng		98
69) Atrazine	16.84	200	111175	53.854	ng		97
70) Pentachlorophenol	17.05	266	127777	86.264	ng		97
71) Phenanthrene	17.43	178	464949	43.148	ng		99
72) Anthracene	17.52	178	483502	44.846	ng		97
73) Carbazole	17.79	167	434104	44.463	ng		99
74) Di-n-butylphthalate	18.34	149	514692	43.447	ng		100
75) Fluoranthene	19.44	202	620040	44.137	ng		100
77) Benzidine	19.62	184	289059	63.585	ng		100
78) Pyrene	19.80	202	622159	44.497	ng		99
80) Butylbenzylphthalate	20.68	149	234357	44.241	ng		99
81) Benzo(a)anthracene	21.64	228	633935	44.803	ng		99
82) 3,3'-Dichlorobenzidine	21.55	252	130183	23.788	ng	#	99
83) Chrysene	21.70	228	611290	43.482	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	338723	45.014	ng		99
85) Di-n-octyl phthalate	22.74	149	577079	45.203	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	804280	45.577	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	656184	43.568	ng		99
89) Benzo(k)fluoranthene	23.90	252	678629	44.758	ng		99
90) Benzo(a)pyrene	24.70	252	621603	43.220	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	687273	46.718	ng		100
92) Benzo(g,h,i)perylene	29.63	276	664695	45.806	ng		100

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

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