Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031119\
Data File : BG039843.D
Acq On : 11 Mar 2019 15:53
Operator : JU/SJ
Sample : K1807-31MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-13MS

Manual Integrations APPROVED
Sohil
3/12/2019 4:42:25 PM

Quant Time: Mar 12 03:59:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	46142	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	208008	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	148775	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	368263	20.00	ng		0.00
76) Chrysene-d12	21.82	240	363610	20.00	ng		-0.01
87) Perylene-d12	25.19	264	374735	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	351495	129.96	ng		0.00
7) Phenol-d6	7.31	99	523469	129.80	ng		0.00
23) Nitrobenzene-d5	9.33	82	302041	78.53	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	215637	124.35	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	698877	66.89	ng		-0.01
79) Terphenyl-d14	20.12	244	1125895	68.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39782	31.859	ng		98
3) Pyridine	3.99	79	70832	21.189	ng		96
4) n-Nitrosodimethylamine	3.91	42	61921	39.046	ng		86
6) Aniline	7.48	93	78355	14.830	ng		98
8) 2-Chlorophenol	7.72	128	128186	39.066	ng		99
9) Benzaldehyde	7.29	77	70608	27.142	ng		96
10) Phenol	7.33	94	190133	43.520	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	123246	36.182	ng		96
12) 1,3-Dichlorobenzene	8.04	146	130810	35.249	ng		97
13) 1,4-Dichlorobenzene	8.19	146	132129	34.954	ng		97
14) 1,2-Dichlorobenzene	8.51	146	127905	35.021	ng		100
15) Benzyl Alcohol	8.39	79	124432	38.897	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	242504	35.597	ng		99
17) 2-Methylphenol	8.59	107	117441	42.158	ng		98
18) Hexachloroethane	9.24	117	45002	33.179	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	104068	35.852	ng		91
20) 3+4-Methylphenols	8.92	107	161503	41.732	ng		98
22) Acetophenone	8.99	105	196658	35.225	ng	#	95
24) Nitrobenzene	9.37	77	152583	37.817	ng		97
25) Isophorone	9.89	82	298298	37.016	ng		98
26) 2-Nitrophenol	10.09	139	74893	38.445	ng		98
27) 2,4-Dimethylphenol	10.13	122	135547	44.739	ng		92
28) bis(2-Chloroethoxy)methane	10.37	93	179181	36.588	ng		97
29) 2,4-Dichlorophenol	10.62	162	146656	42.993	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	139649	36.382	ng		99
31) Naphthalene	11.03	128	407633	37.013	ng		99
32) Benzoic acid	10.25	122	40770	23.503	ng		93
33) 4-Chloroaniline	11.14	127	46078	9.867	ng		97
34) Hexachlorobutadiene	11.29	225	90361	34.450	ng		96
35) Caprolactam	11.92	113	53445m	41.015	ng		
36) 4-Chloro-3-methylphenol	12.24	107	164586	42.090	ng		98
37) 2-Methylnaphthalene	12.62	142	311188	37.794	ng		99
38) 1-Methylnaphthalene	12.84	142	298929	37.359	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	171786	34.084	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	192994	71.452	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	125445	42.513	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	137286	41.276	ng		98
46) 1,1'-Biphenyl	13.61	154	432517	35.346	ng		99
47) 2-Chloronaphthalene	13.67	162	332227	36.090	ng		99
48) 2-Nitroaniline	13.87	65	121421	41.044	ng		96
49) Acenaphthylene	14.51	152	547348	36.220	ng		100
50) Dimethylphthalate	14.23	163	542593	43.615	ng		99
51) 2,6-Dinitrotoluene	14.36	165	103927	39.406	ng		100
52) Acenaphthene	14.85	154	337511	37.108	ng		99
53) 3-Nitroaniline	14.70	138	42438	16.008	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	99362	61.073	ng		96
55) Dibenzofuran	15.18	168	548116	36.730	ng		99
56) 4-Nitrophenol	14.99	139	182971	77.152	ng		93
57) 2,4-Dinitrotoluene	15.14	165	150830	40.702	ng	#	90
58) Fluorene	15.82	166	431251	36.761	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.40	232	136070	41.890	ng		98
60) Diethylphthalate	15.58	149	475216	38.588	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	231940	37.051	ng		99
62) 4-Nitroaniline	15.86	138	107283	37.328	ng		97
63) Azobenzene	16.11	77	426022	38.163	ng		98
65) 4,6-Dinitro-2-methylphenol	15.90	198	83160	38.192	ng		99
66) n-Nitrosodiphenylamine	16.03	169	409590	38.418	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	152492	36.994	ng		96
68) Hexachlorobenzene	16.82	284	156701	36.674	ng		96
69) Atrazine	16.97	200	164271	39.150	ng		99
70) Pentachlorophenol	17.17	266	197488	73.184	ng		97
71) Phenanthrene	17.57	178	737789	36.372	ng		100
72) Anthracene	17.66	178	747465	37.814	ng		99
73) Carbazole	17.93	167	668277	37.501	ng		100
74) Di-n-butylphthalate	18.46	149	784142	37.400	ng		99
75) Fluoranthene	19.57	202	839894	35.036	ng		98
77) Benzidine	19.75	184	70312	6.094	ng		98
78) Pyrene	19.94	202	849563	35.956	ng		99
80) Butylbenzylphthalate	20.80	149	362277	39.576	ng		96
81) Benzo(a)anthracene	21.79	228	823556	36.139	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	109359	13.144	ng		98
83) Chrysene	21.87	228	792609	35.876	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	509268	39.590	ng		100
85) Di-n-octyl phthalate	22.91	149	878072	41.226	ng		96
86) Indeno(1,2,3-cd)pyrene	29.06	276	954438	38.081	ng		99
88) Benzo(b)fluoranthene	24.11	252	832423	37.251	ng		99
89) Benzo(k)fluoranthene	24.18	252	788275	37.896	ng		98
90) Benzo(a)pyrene	25.03	252	809721	39.213	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	759502	37.518	ng		98
92) Benzo(g,h,i)perylene	30.29	276	783244	38.525	ng		98

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

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