Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039792.D
Acq On : 6 Mar 2019 18:07
Operator : JU/SJ
Sample : K1707-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S10MS

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:42 PM

Quant Time: Mar 07 00:46:17 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	43525	20.00	ng	-0.01
21) Naphthalene-d8	10.98	136	198186	20.00	ng	-0.01
39) Acenaphthene-d10	14.78	164	137895	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	336929	20.00	ng	0.00
76) Chrysene-d12	21.82	240	334437	20.00	ng	-0.01
87) Perylene-d12	25.19	264	351641	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	329141	129.01	ng	0.00
7) Phenol-d6	7.31	99	450273	118.37	ng	0.00
23) Nitrobenzene-d5	9.33	82	317090	86.53	ng	-0.01
42) 2,4,6-Tribromophenol	16.27	330	217727	135.46	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	767079	79.20	ng	-0.01
79) Terphenyl-d14	20.12	244	1275659	83.98	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	36484	30.975	ng	# 45
3) Pyridine	4.00	79	101794	32.282	ng	99
4) n-Nitrosodimethylamine	3.91	42	54438	36.391	ng	90
6) Aniline	7.48	93	96216	19.305	ng	95
8) 2-Chlorophenol	7.72	128	123963	40.050	ng	95
9) Benzaldehyde	7.29	77	76731	31.269	ng	98
10) Phenol	7.33	94	148286	35.982	ng	96
11) bis(2-Chloroethyl)ether	7.57	93	121582	37.840	ng	98
12) 1,3-Dichlorobenzene	8.04	146	123722	35.343	ng	96
13) 1,4-Dichlorobenzene	8.19	146	127331	35.710	ng	98
14) 1,2-Dichlorobenzene	8.51	146	124199	36.051	ng	99
15) Benzyl Alcohol	8.39	79	123910	41.062	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.67	45	248071	38.603	ng	99
17) 2-Methylphenol	8.59	107	112803	42.928	ng	98
18) Hexachloroethane	9.24	117	44679	34.922	ng	96
19) n-Nitroso-di-n-propylamine	8.96	70	107517	39.267	ng	94
20) 3+4-Methylphenols	8.92	107	152848	41.870	ng	98
22) Acetophenone	8.99	105	195634	36.778	ng	# 96
24) Nitrobenzene	9.37	77	152833	39.757	ng	98
25) Isophorone	9.89	82	305439	39.780	ng	97
26) 2-Nitrophenol	10.08	139	74196	39.975	ng	96
27) 2,4-Dimethylphenol	10.13	122	135178	46.828	ng	99
28) bis(2-Chloroethoxy)methane	10.37	93	183262	39.276	ng	97
29) 2,4-Dichlorophenol	10.62	162	147473	45.375	ng	93
30) 1,2,4-Trichlorobenzene	10.83	180	139149	38.048	ng	99
31) Naphthalene	11.03	128	407259	38.812	ng	99
32) Benzoic acid	10.20	122	4023m	8.349	ng	
33) 4-Chloroaniline	11.14	127	29557	6.643	ng	94
34) Hexachlorobutadiene	11.29	225	89876	35.963	ng	96
35) Caprolactam	11.92	113	37465m	30.177	ng	
36) 4-Chloro-3-methylphenol	12.24	107	163690	43.936	ng	97
37) 2-Methylnaphthalene	12.62	142	316119	40.296	ng	97
38) 1-Methylnaphthalene	12.84	142	304160	39.896	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	174979	37.456	ng	98

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Quant Time: Mar 07 00:46:17 2019
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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)
41) Hexachlorocyclopentadiene	12.95	237	197411	78.854	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	123660	45.214	ng		100
44) 2,4,5-Trichlorophenol	13.29	196	135950	44.099	ng		98
46) 1,1'-Biphenyl	13.62	154	443446	39.099	ng		99
47) 2-Chloronaphthalene	13.67	162	337549	39.561	ng		98
48) 2-Nitroaniline	13.87	65	122246	44.583	ng		96
49) Acenaphthylene	14.51	152	552336	39.434	ng		99
50) Dimethylphthalate	14.23	163	466551	40.462	ng		99
51) 2,6-Dinitrotoluene	14.36	165	104188	42.622	ng		98
52) Acenaphthene	14.85	154	335608	39.810	ng		94
53) 3-Nitroaniline	14.69	138	42813	17.424	ng	#	90
54) 2,4-Dinitrophenol	14.90	184	17449	15.832	ng		95
55) Dibenzofuran	15.18	168	553609	40.026	ng		98
56) 4-Nitrophenol	14.99	139	158448	72.083	ng		90
57) 2,4-Dinitrotoluene	15.14	165	148643	43.277	ng		89
58) Fluorene	15.82	166	445532	40.975	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.40	232	131385	43.639	ng		97
60) Diethylphthalate	15.58	149	480224	42.071	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	237816	40.987	ng		98
62) 4-Nitroaniline	15.86	138	109231	41.005	ng		95
63) Azobenzene	16.11	77	431362	41.690	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	24475	12.286	ng		95
66) n-Nitrosodiphenylamine	16.03	169	414726	42.518	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	155583	41.254	ng		98
68) Hexachlorobenzene	16.82	284	161834	41.397	ng		98
69) Atrazine	16.97	200	164622	42.883	ng		97
70) Pentachlorophenol	17.16	266	98508	39.899	ng		99
71) Phenanthrene	17.57	178	750729	40.452	ng		99
72) Anthracene	17.66	178	764464	42.271	ng		99
73) Carbazole	17.93	167	671659	41.196	ng		99
74) Di-n-butylphthalate	18.46	149	814974	42.485	ng		100
75) Fluoranthene	19.57	202	889359	40.549	ng		98
77) Benzidine	19.75	184	180531	17.011	ng		100
78) Pyrene	19.93	202	888062	40.864	ng		99
80) Butylbenzylphthalate	20.80	149	373045	44.307	ng		95
81) Benzo(a)anthracene	21.79	228	849136	40.512	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	118740	15.517	ng		100
83) Chrysene	21.86	228	811172	39.919	ng		99
84) Bis(2-ethylhexyl)phthalate	21.66	149	523934	44.283	ng		100
85) Di-n-octyl phthalate	22.91	149	886057	45.230	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	989945	42.943	ng		99
88) Benzo(b)fluoranthene	24.11	252	856375	40.840	ng		96
89) Benzo(k)fluoranthene	24.18	252	823999	42.215	ng		98
90) Benzo(a)pyrene	25.03	252	846748	43.700	ng		99
91) Dibenzo(a,h)anthracene	29.13	278	798413	42.031	ng		99
92) Benzo(g,h,i)perylene	30.29	276	813185	42.624	ng		98

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

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