Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039200.D
Acq On : 18 Jan 2019 1:50
Operator : JU/SJ
Sample : K1153-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RBR200044-RBR200027MS

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:15 AM

Quant Time: Jan 18 04:59:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	20451	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	87804	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	61408	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	169820	20.00	ng	0.00
76) Chrysene-d12	21.69	240	180188	20.00	ng	0.00
87) Perylene-d12	24.95	264	229580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	162318	150.56	ng	0.00
7) Phenol-d6	7.18	99	180022	116.03	ng	0.00
23) Nitrobenzene-d5	9.19	82	141484	88.17	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	174246	169.27	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	407972	90.92	ng	0.00
79) Terphenyl-d14	20.01	244	899938	92.39	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.46	88	14273	33.808	ng	# 1
3) Pyridine	3.87	79	35473	30.922	ng	98
4) n-Nitrosodimethylamine	3.78	42	23523	45.569	ng	92
6) Aniline	7.35	93	13243	7.107	ng	95
8) 2-Chlorophenol	7.58	128	52975	41.685	ng	95
9) Benzaldehyde	7.16	77	14841	16.587	ng	94
10) Phenol	7.20	94	53853	34.621	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	47228	39.726	ng	97
12) 1,3-Dichlorobenzene	7.90	146	55725	36.598	ng	99
13) 1,4-Dichlorobenzene	8.05	146	57434	37.245	ng	99
14) 1,2-Dichlorobenzene	8.37	146	56922	38.715	ng	97
15) Benzyl Alcohol	8.26	79	49787	42.611	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	96921	42.516	ng	98
17) 2-Methylphenol	8.46	107	46907	43.429	ng	93
18) Hexachloroethane	9.09	117	21487	41.015	ng	88
19) n-Nitroso-di-n-propylamine	8.82	70	40441	39.694	ng	92
20) 3+4-Methylphenols	8.79	107	62450	40.553	ng	94
22) Acetophenone	8.85	105	84190	36.716	ng	# 96
24) Nitrobenzene	9.24	77	62336	38.434	ng	98
25) Isophorone	9.75	82	125601	45.441	ng	96
26) 2-Nitrophenol	9.95	139	39450	44.969	ng	95
27) 2,4-Dimethylphenol	9.99	122	62290	50.469	ng	88
28) bis(2-Chloroethoxy)methane	10.23	93	75106	45.212	ng	99
29) 2,4-Dichlorophenol	10.49	162	72656	47.385	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	72249	39.216	ng	97
31) Naphthalene	10.88	128	194490	44.165	ng	99
32) Benzoic acid	10.18	122	7770m	17.669	ng	
33) 4-Chloroaniline	11.02	127	5186	2.632	ng	# 91
34) Hexachlorobutadiene	11.14	225	51029	40.254	ng	96
35) Caprolactam	11.79	113	16591m	26.984	ng	
36) 4-Chloro-3-methylphenol	12.12	107	71458	43.573	ng	91
37) 2-Methylnaphthalene	12.48	142	146949	44.507	ng	99
38) 1-Methylnaphthalene	12.70	142	137921m	43.521	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	92529	40.121	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	81986	64.331	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	63183	43.530	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	70191	45.754	ng		98
46) 1,1'-Biphenyl	13.49	154	196001	40.281	ng		99
47) 2-Chloronaphthalene	13.54	162	160955	40.877	ng		98
48) 2-Nitroaniline	13.75	65	49520	44.891	ng		98
49) Acenaphthylene	14.38	152	260571	44.027	ng		99
50) Dimethylphthalate	14.11	163	231995	44.707	ng		100
51) 2,6-Dinitrotoluene	14.24	165	51467	44.361	ng		98
52) Acenaphthene	14.72	154	163126	45.875	ng		96
53) 3-Nitroaniline	14.58	138	4574	3.886	ng	#	98
54) 2,4-Dinitrophenol	14.79	184	26714	41.306	ng		98
55) Dibenzofuran	15.06	168	278775	44.390	ng		97
56) 4-Nitrophenol	14.89	139	68320	80.677	ng		95
57) 2,4-Dinitrotoluene	15.03	165	75850	45.570	ng		96
58) Fluorene	15.70	166	218526	46.227	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.28	232	69345	47.886	ng		99
60) Diethylphthalate	15.46	149	239010	44.704	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	122943	41.281	ng		97
62) 4-Nitroaniline	15.75	138	45555	37.156	ng		92
63) Azobenzene	15.99	77	178073	42.590	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	29592	23.521	ng		97
66) n-Nitrosodiphenylamine	15.91	169	204966	40.714	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	99186	45.436	ng		98
68) Hexachlorobenzene	16.70	284	105330	44.219	ng		99
69) Atrazine	16.86	200	95977	44.877	ng		100
70) Pentachlorophenol	17.06	266	72359	51.401	ng		92
71) Phenanthrene	17.45	178	407697	45.420	ng		98
72) Anthracene	17.54	178	414877	46.747	ng		99
73) Carbazole	17.82	167	371908	42.449	ng		98
74) Di-n-butylphthalate	18.35	149	424497	43.553	ng		98
75) Fluoranthene	19.46	202	517220	46.481	ng		99
77) Benzidine	19.65	184	40483	7.346	ng		99
78) Pyrene	19.82	202	518866	45.185	ng		99
80) Butylbenzylphthalate	20.69	149	195090	44.669	ng		99
81) Benzo(a)anthracene	21.66	228	504192	45.966	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	40895	9.150	ng		96
83) Chrysene	21.73	228	472793	45.320	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	271566	44.781	ng		99
85) Di-n-octyl phthalate	22.74	149	479521	46.763	ng		99
86) Indeno(1,2,3-cd)pyrene	28.69	276	583248	46.788	ng	#	97
88) Benzo(b)fluoranthene	23.91	252	507126	40.060	ng		99
89) Benzo(k)fluoranthene	23.97	252	503764	40.249	ng		98
90) Benzo(a)pyrene	24.79	252	481495	39.351	ng		99
91) Dibenzo(a,h)anthracene	28.76	278	480623	39.490	ng		98
92) Benzo(g,h,i)perylene	29.88	276	478781	39.737	ng		98

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

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