Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072219\
Data File : BG041744.D
Acq On : 22 Jul 2019 11:31
Operator : HP/JU
Sample : K3615-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-06-071719-AMS

Manual Integrations APPROVED
mohammad
7/23/2019 4:23:40 PM

Quant Time: Jul 22 15:23:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	136567	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	547967	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	348079	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	851079	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	830056	20.00	ng	-0.01
87) Perylene-d12	24.84	264	954465	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	915249	109.56	ng	0.00
7) Phenol-d6	7.20	99	1127105	100.31	ng	0.00
23) Nitrobenzene-d5	9.21	82	840421	93.27	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	577832	147.30	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1902058	84.62	ng	0.00
79) Terphenyl-d14	20.00	244	2829272	79.65	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	109028	27.479	ng	# 15
3) Pyridine	3.91	79	253268	23.913	ng	93
4) n-Nitrosodimethylamine	3.81	42	148842	30.432	ng	99
6) Aniline	7.37	93	220677	14.613	ng	96
8) 2-Chlorophenol	7.61	128	363010	38.383	ng	98
9) Benzaldehyde	7.17	77	148929	18.683	ng	99
10) Phenol	7.23	94	376274	31.784	ng	100
11) bis(2-Chloroethyl)ether	7.46	93	353785	37.002	ng	97
12) 1,3-Dichlorobenzene	7.94	146	379217	33.604	ng	97
13) 1,4-Dichlorobenzene	8.08	146	383478	33.933	ng	98
14) 1,2-Dichlorobenzene	8.40	146	368033	34.541	ng	96
15) Benzyl Alcohol	8.28	79	314657	35.174	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	631475	31.874	ng	98
17) 2-Methylphenol	8.48	107	303327	37.050	ng	98
18) Hexachloroethane	9.14	117	137443	33.204	ng	98
19) n-Nitroso-di-n-propylamine	8.85	70	290823	35.411	ng	94
20) 3+4-Methylphenols	8.81	107	412301	36.749	ng	99
22) Acetophenone	8.87	105	540375	40.490	ng	# 95
24) Nitrobenzene	9.25	77	401584	40.856	ng	100
25) Isophorone	9.77	82	760493	38.545	ng	100
26) 2-Nitrophenol	9.96	139	200460	44.800	ng	95
27) 2,4-Dimethylphenol	10.02	122	347377	44.498	ng	99
28) bis(2-Chloroethoxy)methane	10.25	93	473105	38.905	ng	99
29) 2,4-Dichlorophenol	10.49	162	389633	43.777	ng	98
30) 1,2,4-Trichlorobenzene	10.72	180	410337	39.265	ng	98
31) Naphthalene	10.90	128	1063673	39.428	ng	98
32) Benzoic acid	10.13	122	157731	29.293	ng	97
33) 4-Chloroaniline	11.00	127	64497	5.183	ng	98
34) Hexachlorobutadiene	11.20	225	256360	38.167	ng	99
35) Caprolactam	11.77	113	99408m	30.386	ng	
36) 4-Chloro-3-methylphenol	12.11	107	391718	42.011	ng	99
37) 2-Methylnaphthalene	12.50	142	827822	40.164	ng	99
38) 1-Methylnaphthalene	12.72	142	791101	40.261	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	487684	40.903	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	509621	75.560	ng		98
43) 2,4,6-Trichlorophenol	13.10	196	335066	43.251	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	356045	43.620	ng		98
46) 1,1'-Biphenyl	13.50	154	1053237	40.389	ng		99
47) 2-Chloronaphthalene	13.54	162	860338	39.586	ng		99
48) 2-Nitroaniline	13.74	65	269600	42.605	ng		94
49) Acenaphthylene	14.39	152	1342110	39.557	ng		99
50) Dimethylphthalate	14.12	163	1184343	43.323	ng		99
51) 2,6-Dinitrotoluene	14.23	165	266242	45.914	ng		94
52) Acenaphthene	14.73	154	913999	42.748	ng		98
53) 3-Nitroaniline	14.55	138	123072	19.443	ng		93
54) 2,4-Dinitrophenol	14.76	184	218780	75.170	ng		92
55) Dibenzofuran	15.06	168	1304081	40.646	ng		99
56) 4-Nitrophenol	14.86	139	418474	81.656	ng		96
57) 2,4-Dinitrotoluene	15.01	165	364258	47.521	ng		98
58) Fluorene	15.70	166	1054877	40.407	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	347477	46.112	ng		98
60) Diethylphthalate	15.48	149	1123293	40.787	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	613087	41.545	ng		97
62) 4-Nitroaniline	15.72	138	278548	41.492	ng		99
63) Azobenzene	15.99	77	967813	38.870	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	180139	45.061	ng		94
66) n-Nitrosodiphenylamine	15.91	169	1014395	40.587	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	418997	41.375	ng		100
68) Hexachlorobenzene	16.71	284	417161	40.908	ng		99
69) Atrazine	16.86	200	405736	44.734	ng		99
70) Pentachlorophenol	17.05	266	537019	84.223	ng		99
71) Phenanthrene	17.44	178	1735874	40.501	ng		99
72) Anthracene	17.53	178	1760277	41.202	ng		99
73) Carbazole	17.80	167	1645405	41.527	ng		99
74) Di-n-butylphthalate	18.36	149	1862593	38.542	ng		99
75) Fluoranthene	19.44	202	2107317	40.041	ng		99
77) Benzidine	19.61	184	204403	4.560	ng		97
78) Pyrene	19.80	202	2113951	37.656	ng		99
80) Butylbenzylphthalate	20.69	149	923749	39.598	ng		95
81) Benzo(a)anthracene	21.63	228	2085908	38.894	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	441250	20.908	ng		98
83) Chrysene	21.70	228	2033717	39.685	ng		100
84) Bis(2-ethylhexyl)phthalate	21.55	149	1281207	38.898	ng		99
85) Di-n-octyl phthalate	22.76	149	2199838	39.218	ng		95
86) Indeno(1,2,3-cd)pyrene	28.49	276	2768829	40.948	ng	#	92
88) Benzo(b)fluoranthene	23.84	252	2326342	40.182	ng		100
89) Benzo(k)fluoranthene	23.90	252	2268643	42.289	ng		99
90) Benzo(a)pyrene	24.69	252	2294352	41.885	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	2246495	42.298	ng		99
92) Benzo(g,h,i)perylene	29.64	276	2288687	43.001	ng		99

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

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