Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042710.D
Acq On : 4 Sep 2019 16:42
Operator : HP/JU
Sample : K4555-21MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:32 AM

Quant Time: Sep 04 18:37:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	35427	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	134432	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	105585	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	249218	20.00	ng		0.00
76) Chrysene-d12	21.69	240	267073	20.00	ng		0.00
87) Perylene-d12	24.93	264	317704	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	218599	124.97	ng		0.00
7) Phenol-d6	7.17	99	262970	111.30	ng		0.00
23) Nitrobenzene-d5	9.17	82	176172	90.56	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	211778	141.12	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	565820	90.63	ng		0.00
79) Terphenyl-d14	20.02	244	1126519	91.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	25104	34.390	ng	#	50
3) Pyridine	3.84	79	48881	26.114	ng		93
4) n-Nitrosodimethylamine	3.75	42	29580	44.244	ng		90
6) Aniline	7.32	93	36718	11.651	ng		98
8) 2-Chlorophenol	7.57	128	90751	42.808	ng		99
9) Benzaldehyde	7.13	77	32927	27.835	ng		98
10) Phenol	7.20	94	86234	35.895	ng		94
11) bis(2-Chloroethyl)ether	7.41	93	71656	37.979	ng		99
12) 1,3-Dichlorobenzene	7.89	146	108483	40.226	ng		99
13) 1,4-Dichlorobenzene	8.04	146	108955	39.886	ng		99
14) 1,2-Dichlorobenzene	8.36	146	104274	39.860	ng		99
15) Benzyl Alcohol	8.24	79	67658	39.801	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	91236	35.677	ng		99
17) 2-Methylphenol	8.45	107	70627	39.914	ng		97
18) Hexachloroethane	9.09	117	35969	38.462	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	55286	36.117	ng		95
20) 3+4-Methylphenols	8.78	107	92531	37.791	ng		98
22) Acetophenone	8.83	105	129868	45.167	ng	#	98
24) Nitrobenzene	9.21	77	84613	42.952	ng		97
25) Isophorone	9.73	82	156690	40.813	ng		99
26) 2-Nitrophenol	9.93	139	55729	45.143	ng		95
27) 2,4-Dimethylphenol	9.99	122	84309	49.578	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	98449	40.685	ng		99
29) 2,4-Dichlorophenol	10.47	162	105367	47.358	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	121325	44.427	ng		97
31) Naphthalene	10.87	128	276184	44.251	ng		99
32) Benzoic acid	10.16	122	28483	27.320	ng		95
33) 4-Chloroaniline	11.00	127	11306	3.924	ng		98
34) Hexachlorobutadiene	11.16	225	84526	46.054	ng		99
35) Caprolactam	11.76	113	24103m	32.466	ng		
36) 4-Chloro-3-methylphenol	12.11	107	95315	45.129	ng		99
37) 2-Methylnaphthalene	12.48	142	225951	45.086	ng		99
38) 1-Methylnaphthalene	12.70	142	213275	44.803	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	157252	46.377	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	150328	84.402	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	100869	44.011	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	107786	45.382	ng		98
46) 1,1'-Biphenyl	13.49	154	301322	44.149	ng		96
47) 2-Chloronaphthalene	13.53	162	250719	42.603	ng		99
48) 2-Nitroaniline	13.73	65	54709	38.551	ng		98
49) Acenaphthylene	14.38	152	392516	44.333	ng		99
50) Dimethylphthalate	14.11	163	328798	43.159	ng		100
51) 2,6-Dinitrotoluene	14.23	165	77621	43.956	ng		94
52) Acenaphthene	14.72	154	230661	42.904	ng		100
53) 3-Nitroaniline	14.56	138	24142	13.670	ng	#	89
54) 2,4-Dinitrophenol	14.78	184	92771	78.097	ng		99
55) Dibenzofuran	15.06	168	402234	45.199	ng		99
56) 4-Nitrophenol	14.89	139	93368	74.402	ng		92
57) 2,4-Dinitrotoluene	15.03	165	111429	44.066	ng		98
58) Fluorene	15.71	166	323583	44.481	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	112368m	47.842	ng		
60) Diethylphthalate	15.47	149	315619	42.380	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	196834	44.886	ng		97
62) 4-Nitroaniline	15.73	138	75504	39.947	ng		94
63) Azobenzene	15.99	77	208765	40.909	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	72632	46.485	ng		98
66) n-Nitrosodiphenylamine	15.91	169	303258	44.247	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	139415	44.102	ng		96
68) Hexachlorobenzene	16.73	284	146866	42.738	ng		99
69) Atrazine	16.87	200	115532	47.668	ng		96
70) Pentachlorophenol	17.07	266	159549	89.358	ng		98
71) Phenanthrene	17.45	178	560014	45.239	ng		98
72) Anthracene	17.55	178	574858	46.517	ng		98
73) Carbazole	17.82	167	495397	44.979	ng		98
74) Di-n-butylphthalate	18.37	149	557250	42.801	ng		99
75) Fluoranthene	19.46	202	718826	47.580	ng		97
77) Benzidine	19.65	184	31618	4.129	ng		99
78) Pyrene	19.83	202	742868	45.368	ng		97
80) Butylbenzylphthalate	20.71	149	260876	40.507	ng		95
81) Benzo(a)anthracene	21.67	228	729789	44.920	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	134587	20.598	ng		98
83) Chrysene	21.74	228	707484	45.154	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	377750	42.245	ng		97
85) Di-n-octyl phthalate	22.78	149	658736	42.832	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	933442	43.838	ng	#	89
88) Benzo(b)fluoranthene	23.91	252	820146	46.956	ng		99
89) Benzo(k)fluoranthene	23.98	252	787600	46.912	ng	#	98
90) Benzo(a)pyrene	24.78	252	794139	47.915	ng	#	97
91) Dibenzo(a,h)anthracene	28.71	278	767164	45.716	ng		99
92) Benzo(g,h,i)perylene	29.82	276	723695	43.119	ng		97

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

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