Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090519\
Data File : BG042726.D
Acq On : 5 Sep 2019 18:45
Operator : HP/JU
Sample : K4668-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-090319MS

Manual Integrations APPROVED
mohammad
9/10/2019 9:51:48 AM

Quant Time: Sep 06 07:11:22 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	43562	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	159949	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	119274	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	292739	20.00	ng	0.00
76) Chrysene-d12	21.69	240	332255	20.00	ng	0.00
87) Perylene-d12	24.93	264	399266	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	199589	92.79	ng	0.00
7) Phenol-d6	7.17	99	236045	81.24	ng	0.00
23) Nitrobenzene-d5	9.17	82	159832	69.05	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	186445	109.98	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	515711	73.13	ng	0.00
79) Terphenyl-d14	20.02	244	1067007	69.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	24893	27.732	ng	# 47
3) Pyridine	3.84	79	42976	18.672	ng	96
4) n-Nitrosodimethylamine	3.75	42	25096	30.527	ng	# 84
6) Aniline	7.32	93	35067	9.049	ng	99
8) 2-Chlorophenol	7.56	128	85507	32.802	ng	97
9) Benzaldehyde	7.13	77	39555	27.194	ng	100
10) Phenol	7.19	94	79925	27.056	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	67942	29.286	ng	99
12) 1,3-Dichlorobenzene	7.89	146	98025	29.560	ng	98
13) 1,4-Dichlorobenzene	8.03	146	100599	29.949	ng	97
14) 1,2-Dichlorobenzene	8.35	146	94192	29.282	ng	100
15) Benzyl Alcohol	8.24	79	60073	28.739	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	81831	26.024	ng	100
17) 2-Methylphenol	8.45	107	62617	28.779	ng	96
18) Hexachloroethane	9.09	117	32503	28.266	ng	85
19) n-Nitroso-di-n-propylamine	8.80	70	50793	26.985	ng	95
20) 3+4-Methylphenols	8.78	107	83726	27.809	ng	98
22) Acetophenone	8.82	105	117388	34.314	ng	# 97
24) Nitrobenzene	9.21	77	77611	33.112	ng	99
25) Isophorone	9.73	82	140037	30.656	ng	96
26) 2-Nitrophenol	9.93	139	50511	34.389	ng	94
27) 2,4-Dimethylphenol	9.99	122	76282	37.702	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	88913	30.882	ng	98
29) 2,4-Dichlorophenol	10.48	162	95216	35.969	ng	93
30) 1,2,4-Trichlorobenzene	10.68	180	112376	34.585	ng	98
31) Naphthalene	10.87	128	252767	34.038	ng	100
32) Benzoic acid	10.15	122	19532	19.207	ng	96
33) 4-Chloroaniline	11.00	127	11683	3.408	ng	99
34) Hexachlorobutadiene	11.15	225	76532	35.047	ng	99
35) Caprolactam	11.75	113	18983m	21.491	ng	
36) 4-Chloro-3-methylphenol	12.12	107	82439	32.805	ng	96
37) 2-Methylnaphthalene	12.48	142	201344	33.767	ng	100
38) 1-Methylnaphthalene	12.70	142	190359	33.610	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	140185	36.599	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	138830	69.000	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	88459	34.167	ng		98
44) 2,4,5-Trichlorophenol	13.18	196	90510	33.735	ng		98
46) 1,1'-Biphenyl	13.49	154	267949	34.754	ng		99
47) 2-Chloronaphthalene	13.53	162	219439	33.008	ng		99
48) 2-Nitroaniline	13.73	65	47156	29.415	ng		98
49) Acenaphthylene	14.38	152	343204	34.315	ng		99
50) Dimethylphthalate	14.11	163	305162	35.459	ng		99
51) 2,6-Dinitrotoluene	14.23	165	67648	33.912	ng		95
52) Acenaphthene	14.72	154	199996	32.931	ng		97
53) 3-Nitroaniline	14.56	138	21518	10.786	ng		96
54) 2,4-Dinitrophenol	14.78	184	82421	62.758	ng		95
55) Dibenzofuran	15.06	168	351280	34.943	ng		98
56) 4-Nitrophenol	14.89	139	79071	55.778	ng		94
57) 2,4-Dinitrotoluene	15.03	165	97695	34.200	ng		98
58) Fluorene	15.71	166	283385	34.485	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91927m	34.647	ng		
60) Diethylphthalate	15.47	149	272498	32.391	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	170128	34.343	ng		98
62) 4-Nitroaniline	15.73	138	65900	30.864	ng		94
63) Azobenzene	15.99	77	177868	30.855	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	63536	34.618	ng		99
66) n-Nitrosodiphenylamine	15.91	169	261549	32.488	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	121499	32.721	ng		96
68) Hexachlorobenzene	16.72	284	130186	32.252	ng		97
69) Atrazine	16.86	200	103501	36.355	ng		98
70) Pentachlorophenol	17.07	266	144702	68.994	ng		99
71) Phenanthrene	17.45	178	499033	34.319	ng		98
72) Anthracene	17.55	178	512758	35.323	ng		99
73) Carbazole	17.81	167	454112	35.101	ng		98
74) Di-n-butylphthalate	18.36	149	513743	33.593	ng		100
75) Fluoranthene	19.46	202	677873	38.199	ng		96
77) Benzidine	19.64	184	51472	5.403	ng		98
78) Pyrene	19.83	202	692033	33.972	ng		98
80) Butylbenzylphthalate	20.70	149	244115	30.468	ng		100
81) Benzo(a)anthracene	21.67	228	685133	33.898	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	140155	17.242	ng		99
83) Chrysene	21.74	228	662143	33.969	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	351226	31.573	ng		99
85) Di-n-octyl phthalate	22.78	149	607594	31.756	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	885844	33.441	ng		98
88) Benzo(b)fluoranthene	23.90	252	752414	34.278	ng	#	98
89) Benzo(k)fluoranthene	23.97	252	747787	35.442	ng	#	97
90) Benzo(a)pyrene	24.78	252	747300	35.878	ng	#	98
91) Dibenzo(a,h)anthracene	28.70	278	731134	34.668	ng	#	97
92) Benzo(g,h,i)perylene	29.81	276	741460	35.153	ng		96

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

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