Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111919\
Data File : BG043704.D
Acq On : 19 Nov 2019 18:55
Operator : JU
Sample : K5865-23MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2-(16-19)MS

Manual Integrations APPROVED
mohammad
11/21/2019 9:04:12 AM

Quant Time: Nov 20 03:06:37 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 19 15:23:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	26302	20.00	ng		0.00
21) Naphthalene-d8	10.79	136	106564	20.00	ng		0.00
39) Acenaphthene-d10	14.62	164	80194	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	199608	20.00	ng		0.00
76) Chrysene-d12	21.64	240	214530	20.00	ng		0.00
87) Perylene-d12	24.81	264	254748	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	164954	114.92	ng		0.00
7) Phenol-d6	7.19	99	236050	114.30	ng		0.00
23) Nitrobenzene-d5	9.15	82	142013	68.70	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	149343	97.86	ng		0.00
45) 2-Fluorobiphenyl	13.24	172	394902	68.04	ng		0.00
79) Terphenyl-d14	19.98	244	807775	70.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	17193	30.738	ng		90
3) Pyridine	3.85	79	43588	30.892	ng		98
4) n-Nitrosodimethylamine	3.76	42	30812	43.276	ng	#	94
6) Aniline	7.32	93	51465	21.634	ng		97
8) 2-Chlorophenol	7.56	128	69324	43.753	ng		96
9) Benzaldehyde	7.13	77	31364	30.904	ng		97
10) Phenol	7.21	94	95165	50.429	ng		97
11) bis(2-Chloroethyl)ether	7.41	93	56595	38.790	ng		94
12) 1,3-Dichlorobenzene	7.88	146	73947	37.249	ng		97
13) 1,4-Dichlorobenzene	8.02	146	73588	36.638	ng		94
14) 1,2-Dichlorobenzene	8.35	146	72928	37.187	ng		98
15) Benzyl Alcohol	8.24	79	53649	36.991	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	80799	38.086	ng		98
17) 2-Methylphenol	8.46	107	59035	42.913	ng		96
18) Hexachloroethane	9.07	117	26885	37.100	ng		90
19) n-Nitroso-di-n-propylamine	8.79	70	51775	38.799	ng		97
20) 3+4-Methylphenols	8.79	107	79409	42.095	ng		96
22) Acetophenone	8.81	105	102837	37.683	ng	#	100
24) Nitrobenzene	9.20	77	78874	40.057	ng		98
25) Isophorone	9.72	82	148195	39.215	ng		98
26) 2-Nitrophenol	9.91	139	39157	41.191	ng		95
27) 2,4-Dimethylphenol	9.98	122	66642	48.911	ng		95
28) bis(2-Chloroethoxy)methane	10.20	93	77899	37.348	ng		99
29) 2,4-Dichlorophenol	10.46	162	73867	42.312	ng		93
30) 1,2,4-Trichlorobenzene	10.66	180	82405	37.452	ng		99
31) Naphthalene	10.84	128	216917	40.102	ng		98
32) Benzoic acid	10.16	122	33476m	35.160	ng		
33) 4-Chloroaniline	10.98	127	9547m	4.306	ng		
34) Hexachlorobutadiene	11.13	225	57450	35.321	ng		94
35) Caprolactam	11.73	113	25443m	42.317	ng		
36) 4-Chloro-3-methylphenol	12.11	107	82600	43.377	ng		90
37) 2-Methylnaphthalene	12.45	142	167702	40.407	ng		98
38) 1-Methylnaphthalene	12.66	142	162790	41.224	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	108725	36.634	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	12.79	237	104997	67.347	ng		100
43) 2,4,6-Trichlorophenol	13.07	196	67473	38.605	ng		91
44) 2,4,5-Trichlorophenol	13.16	196	73216	41.435	ng		97
46) 1,1'-Biphenyl	13.45	154	228132	37.394	ng		99
47) 2-Chloronaphthalene	13.50	162	178184	38.386	ng		97
48) 2-Nitroaniline	13.71	65	54339	39.167	ng		94
49) Acenaphthylene	14.35	152	296016	40.975	ng		98
50) Dimethylphthalate	14.08	163	301598	48.554	ng		99
51) 2,6-Dinitrotoluene	14.20	165	53736	39.821	ng	#	90
52) Acenaphthene	14.69	154	172629	39.183	ng		96
53) 3-Nitroaniline	14.54	138	19635	15.071	ng		90
54) 2,4-Dinitrophenol	14.75	184	58481	70.365	ng		90
55) Dibenzofuran	15.02	168	289079	40.462	ng		97
56) 4-Nitrophenol	14.88	139	71128	81.467	ng		89
57) 2,4-Dinitrotoluene	14.99	165	78977	40.952	ng	#	95
58) Fluorene	15.67	166	239128	39.906	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.26	232	73565	39.186	ng	#	99
60) Diethylphthalate	15.44	149	246559	39.504	ng		98
61) 4-Chlorophenyl-phenylether	15.66	204	139266	39.839	ng		97
62) 4-Nitroaniline	15.71	138	51433	38.225	ng		98
63) Azobenzene	15.96	77	207505	41.080	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	51060	43.467	ng		94
66) n-Nitrosodiphenylamine	15.88	169	217518	38.598	ng		97
67) 4-Bromophenyl-phenylether	16.55	248	99842	37.167	ng		98
68) Hexachlorobenzene	16.68	284	109597	35.543	ng		99
69) Atrazine	16.82	200	93778	47.890	ng		94
70) Pentachlorophenol	17.03	266	100654	71.638	ng		98
71) Phenanthrene	17.41	178	394956	38.640	ng		99
72) Anthracene	17.50	178	409910	40.082	ng		100
73) Carbazole	17.78	167	360330	38.908	ng		99
74) Di-n-butylphthalate	18.32	149	442390	39.369	ng		99
75) Fluoranthene	19.42	202	532641	39.971	ng		98
77) Benzidine	19.60	184	286255	66.301	ng		98
78) Pyrene	19.79	202	533926	40.208	ng		99
80) Butylbenzylphthalate	20.67	149	197102	39.178	ng		98
81) Benzo(a)anthracene	21.61	228	553874	41.217	ng		99
82) 3,3'-Dichlorobenzidine	21.54	252	118485	22.796	ng		97
83) Chrysene	21.68	228	541415	40.550	ng		98
84) Bis(2-ethylhexyl)phthalate	21.51	149	289716	40.539	ng		98
85) Di-n-octyl phthalate	22.70	149	498334	41.101	ng		98
86) Indeno(1,2,3-cd)pyrene	28.44	276	694856	41.460	ng	#	94
88) Benzo(b)fluoranthene	23.80	252	560786	38.868	ng		99
89) Benzo(k)fluoranthene	23.87	252	601076	41.382	ng		99
90) Benzo(a)pyrene	24.66	252	539498	39.157	ng		99
91) Dibenzo(a,h)anthracene	28.49	278	584878	41.502	ng		99
92) Benzo(g,h,i)perylene	29.57	276	575375	41.391	ng		97

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

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