Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030519\
Data File : BG039769.D
Acq On : 5 Mar 2019 18:05
Operator : JU/SJ
Sample : PB117613BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117613BS

Manual Integrations APPROVED
Sohil
3/6/2019 12:01:10 PM

Quant Time: Mar 06 00:53:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	41305	20.00	ng		-0.01
21) Naphthalene-d8	10.98	136	185100	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	129674	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	327606	20.00	ng		0.00
76) Chrysene-d12	21.82	240	339422	20.00	ng		0.00
87) Perylene-d12	25.19	264	341823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	358385	148.02	ng		0.00
7) Phenol-d6	7.31	99	504444	139.73	ng		0.00
23) Nitrobenzene-d5	9.33	82	264831	77.38	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	205369	135.88	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	662708	72.77	ng		-0.01
79) Terphenyl-d14	20.12	244	1150863	74.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	42189	37.744	ng		96
3) Pyridine	3.99	79	104312	34.858	ng		92
4) n-Nitrosodimethylamine	3.91	42	56591	39.864	ng		86
6) Aniline	7.48	93	142146	30.054	ng		98
8) 2-Chlorophenol	7.72	128	123026	41.884	ng		97
9) Benzaldehyde	7.29	77	80597	34.610	ng		100
10) Phenol	7.33	94	170019	43.473	ng		99
11) bis(2-Chloroethyl)ether	7.57	93	116555	38.225	ng		100
12) 1,3-Dichlorobenzene	8.04	146	125437	37.759	ng		97
13) 1,4-Dichlorobenzene	8.19	146	127612	37.713	ng		99
14) 1,2-Dichlorobenzene	8.51	146	120741	36.931	ng		99
15) Benzyl Alcohol	8.39	79	119289	41.656	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.68	45	233464	38.283	ng		100
17) 2-Methylphenol	8.59	107	110369	44.259	ng		98
18) Hexachloroethane	9.24	117	44097	36.319	ng		97
19) n-Nitroso-di-n-propylamine	8.96	70	97031	37.342	ng		94
20) 3+4-Methylphenols	8.92	107	153726	44.374	ng		98
22) Acetophenone	8.99	105	179983	36.228	ng	#	96
24) Nitrobenzene	9.38	77	142170	39.597	ng		95
25) Isophorone	9.89	82	280111	39.061	ng		98
26) 2-Nitrophenol	10.08	139	69917	40.332	ng	#	94
27) 2,4-Dimethylphenol	10.13	122	132514	49.151	ng		94
28) bis(2-Chloroethoxy)methane	10.37	93	168896	38.756	ng		97
29) 2,4-Dichlorophenol	10.62	162	138950	45.775	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	132207	38.705	ng		97
31) Naphthalene	11.03	128	379206	38.693	ng		99
32) Benzoic acid	10.25	122	75202	41.638	ng		90
33) 4-Chloroaniline	11.14	127	91312	21.973	ng		94
34) Hexachlorobutadiene	11.29	225	84555	36.226	ng		99
35) Caprolactam	11.92	113	49982m	43.105	ng		
36) 4-Chloro-3-methylphenol	12.24	107	153688	44.168	ng		98
37) 2-Methylnaphthalene	12.62	142	298074	40.682	ng		99
38) 1-Methylnaphthalene	12.84	142	282851	39.724	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	163649	37.252	ng		99

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Quant Time: Mar 06 00:53:16 2019
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	213645	90.749	ng		98
43) 2,4,6-Trichlorophenol	13.22	196	112632	43.793	ng		96
44) 2,4,5-Trichlorophenol	13.29	196	124857	43.069	ng		98
46) 1,1'-Biphenyl	13.62	154	409972	38.439	ng		99
47) 2-Chloronaphthalene	13.67	162	314162	39.155	ng		98
48) 2-Nitroaniline	13.87	65	112831	43.758	ng		96
49) Acenaphthylene	14.51	152	512213	38.888	ng		99
50) Dimethylphthalate	14.23	163	434010	40.026	ng		99
51) 2,6-Dinitrotoluene	14.36	165	95812	41.681	ng		99
52) Acenaphthene	14.85	154	313688	39.569	ng		99
53) 3-Nitroaniline	14.70	138	62874	27.210	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	97614	68.168	ng		98
55) Dibenzofuran	15.18	168	513991	39.517	ng		99
56) 4-Nitrophenol	14.99	139	171825	83.125	ng		94
57) 2,4-Dinitrotoluene	15.15	165	136230	42.177	ng	#	86
58) Fluorene	15.82	166	412840	40.375	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	125758	44.418	ng		98
60) Diethylphthalate	15.58	149	440526	41.040	ng		98
61) 4-Chlorophenyl-phenylether	15.81	204	215417	39.480	ng		99
62) 4-Nitroaniline	15.86	138	103509	41.320	ng		94
63) Azobenzene	16.11	77	400705	41.182	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	76576	39.533	ng		98
66) n-Nitrosodiphenylamine	16.03	169	383803	40.467	ng		98
67) 4-Bromophenyl-phenylether	16.71	248	144157	39.312	ng		93
68) Hexachlorobenzene	16.82	284	146183	38.458	ng		96
69) Atrazine	16.97	200	155808	41.742	ng		96
70) Pentachlorophenol	17.17	266	188251	78.419	ng		99
71) Phenanthrene	17.57	178	709042	39.293	ng		99
72) Anthracene	17.66	178	715803	40.706	ng		99
73) Carbazole	17.93	167	645707	40.732	ng		99
74) Di-n-butylphthalate	18.46	149	783005	41.980	ng		100
75) Fluoranthene	19.57	202	865562	40.587	ng		98
77) Benzidine	19.75	184	384976	35.742	ng		98
78) Pyrene	19.94	202	845823	38.349	ng		99
80) Butylbenzylphthalate	20.80	149	364578	42.666	ng		97
81) Benzo(a)anthracene	21.80	228	827399	38.895	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	196390	25.287	ng		97
83) Chrysene	21.87	228	792533	38.429	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	502936	41.884	ng		99
85) Di-n-octyl phthalate	22.92	149	866321	43.573	ng		96
86) Indeno(1,2,3-cd)pyrene	29.07	276	954009	40.777	ng		99
88) Benzo(b)fluoranthene	24.11	252	843118	41.363	ng		98
89) Benzo(k)fluoranthene	24.18	252	788063	41.534	ng		99
90) Benzo(a)pyrene	25.03	252	813322	43.180	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	771212	41.765	ng		98
92) Benzo(g,h,i)perylene	30.30	276	788011	42.491	ng		96

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

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