Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043079.D
Acq On : 7 Oct 2019 22:22
Operator : JU
Sample : PB123704BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 08 11:38:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : PB123704BSD

Manual Integrations APPROVED
mohammad
10/8/2019 12:22:55 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	49811	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	207760	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	167103	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	414920	20.00	ng		-0.01
76) Chrysene-d12	21.69	240	420161	20.00	ng		-0.02
87) Perylene-d12	24.91	264	498840	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	288101	103.22	ng		-0.02
7) Phenol-d6	7.23	99	293539	73.03	ng		-0.01
23) Nitrobenzene-d5	9.22	82	368214	86.14	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	431044	150.01	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	1009636	87.59	ng		-0.02
79) Terphenyl-d14	20.03	244	2010554	101.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	29459	25.315	ng		96
3) Pyridine	3.94	79	43006	13.139	ng		87
4) n-Nitrosodimethylamine	3.85	42	46091	29.283	ng	#	88
6) Aniline	7.39	93	100733	20.762	ng		99
8) 2-Chlorophenol	7.63	128	152339	52.336	ng		97
9) Benzaldehyde	7.20	77	26695	10.869	ng		91
10) Phenol	7.25	94	107860	29.249	ng		95
11) bis(2-Chloroethyl)ether	7.47	93	140527	49.252	ng		88
12) 1,3-Dichlorobenzene	7.95	146	147321	39.675	ng		98
13) 1,4-Dichlorobenzene	8.09	146	152883	41.302	ng		99
14) 1,2-Dichlorobenzene	8.41	146	145430	41.267	ng		96
15) Benzyl Alcohol	8.30	79	89859	29.736	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	188929	34.479	ng		98
17) 2-Methylphenol	8.51	107	126860	49.165	ng		98
18) Hexachloroethane	9.15	117	53066	38.065	ng		93
19) n-Nitroso-di-n-propylamine	8.86	70	123832	46.920	ng		92
20) 3+4-Methylphenols	8.83	107	163740	46.306	ng		95
22) Acetophenone	8.88	105	235641	44.001	ng	#	95
24) Nitrobenzene	9.26	77	181743	44.576	ng		97
25) Isophorone	9.78	82	359619	47.897	ng		99
26) 2-Nitrophenol	9.97	139	92214	53.130	ng		98
27) 2,4-Dimethylphenol	10.03	122	159339	59.779	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	198228	46.533	ng		97
29) 2,4-Dichlorophenol	10.52	162	184833	55.756	ng		98
30) 1,2,4-Trichlorobenzene	10.72	180	179051	41.825	ng		96
31) Naphthalene	10.91	128	466547	45.618	ng		100
32) Benzoic acid	10.15	122	33641	19.548	ng		89
33) 4-Chloroaniline	11.03	127	20505m	4.620	ng		
34) Hexachlorobutadiene	11.20	225	124472	38.832	ng		95
35) Caprolactam	11.80	113	18521m	15.843	ng		
36) 4-Chloro-3-methylphenol	12.15	107	204140	56.637	ng		98
37) 2-Methylnaphthalene	12.51	142	373263	47.841	ng		96
38) 1-Methylnaphthalene	12.73	142	357991	48.491	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	248021	39.475	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092519.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	319280	79.756	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	180322	49.035	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	196202	51.791	ng		96
46) 1,1'-Biphenyl	13.52	154	530253	41.844	ng		98
47) 2-Chloronaphthalene	13.56	162	421867	44.403	ng		99
48) 2-Nitroaniline	13.76	65	142351	45.055	ng		91
49) Acenaphthylene	14.40	152	698771	48.065	ng		99
50) Dimethylphthalate	14.13	163	743836	59.410	ng		98
51) 2,6-Dinitrotoluene	14.25	165	139993	52.504	ng		92
52) Acenaphthene	14.75	154	423881	43.560	ng		98
53) 3-Nitroaniline	14.59	138	60524	21.965	ng	#	98
54) 2,4-Dinitrophenol	14.79	184	181066	109.251	ng		90
55) Dibenzofuran	15.08	168	689507	47.900	ng		97
56) 4-Nitrophenol	14.90	139	120326	57.311	ng		93
57) 2,4-Dinitrotoluene	15.04	165	200219	51.278	ng		94
58) Fluorene	15.73	166	592980	48.250	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	195670	48.510	ng		99
60) Diethylphthalate	15.49	149	607315	47.662	ng		100
61) 4-Chlorophenyl-phenylether	15.72	204	343146	46.556	ng		97
62) 4-Nitroaniline	15.75	138	129063	42.946	ng		96
63) Azobenzene	16.01	77	522022	44.999	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	134539	57.302	ng		91
66) n-Nitrosodiphenylamine	15.93	169	533503	48.707	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	249550	47.920	ng		96
68) Hexachlorobenzene	16.73	284	273403	47.152	ng		99
69) Atrazine	16.88	200	149596	32.433	ng		94
70) Pentachlorophenol	17.08	266	334174	99.879	ng		99
71) Phenanthrene	17.47	178	956821	47.235	ng		98
72) Anthracene	17.55	178	985248	48.721	ng		99
73) Carbazole	17.82	167	885303	47.209	ng		99
74) Di-n-butylphthalate	18.38	149	1037429	46.367	ng		99
75) Fluoranthene	19.47	202	1228771	45.862	ng		99
77) Benzidine	19.70	184	100506m	9.553	ng		
78) Pyrene	19.83	202	1239198	49.414	ng		98
80) Butylbenzylphthalate	20.72	149	466717	49.030	ng		96
81) Benzo(a)anthracene	21.67	228	1260413	48.144	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	237192	23.100	ng		99
83) Chrysene	21.74	228	1212759	47.736	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	670501	49.502	ng		98
85) Di-n-octyl phthalate	22.79	149	1118723	50.510	ng		96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1609033	50.874	ng		98
88) Benzo(b)fluoranthene	23.89	252	1353564	47.955	ng		99
89) Benzo(k)fluoranthene	23.96	252	1323651	47.404	ng		100
90) Benzo(a)pyrene	24.76	252	1312912	49.302	ng		100
91) Dibenzo(a,h)anthracene	28.64	278	1364489	49.969	ng		99
92) Benzo(g,h,i)perylene	29.73	276	1348763	50.977	ng		98

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

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