Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041219\
Data File : BG040456.D
Acq On : 12 Apr 2019 11:27
Operator : JU/SJ
Sample : PB118819BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118819BSD

Manual Integrations APPROVED
Sohil
4/15/2019 12:30:02 AM

Quant Time: Apr 12 23:51:27 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	60190	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	249253	20.00	ng		-0.02
39) Acenaphthene-d10	14.67	164	165066	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	424050	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	416250	20.00	ng		-0.04
87) Perylene-d12	24.97	264	402139	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	493314	136.25	ng		-0.02
7) Phenol-d6	7.21	99	667341	133.37	ng		-0.02
23) Nitrobenzene-d5	9.22	82	357080	76.15	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	261261	146.45	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	815025	73.16	ng		-0.02
79) Terphenyl-d14	20.02	244	1379542	74.56	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	82880	48.682	ng		96
3) Pyridine	3.89	79	145281	31.694	ng		98
4) n-Nitrosodimethylamine	3.82	42	81727	38.544	ng	#	90
6) Aniline	7.37	93	199132	30.631	ng		96
8) 2-Chlorophenol	7.61	128	180300	42.541	ng		96
9) Benzaldehyde	7.19	77	65674	19.134	ng		97
10) Phenol	7.23	94	237099	43.655	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	174873	40.200	ng		98
12) 1,3-Dichlorobenzene	7.93	146	180897	39.263	ng		96
13) 1,4-Dichlorobenzene	8.08	146	187078	40.768	ng		97
14) 1,2-Dichlorobenzene	8.40	146	178020	40.567	ng		97
15) Benzyl Alcohol	8.29	79	158517	39.336	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	327244	39.197	ng		99
17) 2-Methylphenol	8.48	107	161895	43.077	ng		95
18) Hexachloroethane	9.12	117	67806	38.847	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	134633	37.527	ng		96
20) 3+4-Methylphenols	8.82	107	221878	43.580	ng		99
22) Acetophenone	8.88	105	267090	42.957	ng	#	99
24) Nitrobenzene	9.26	77	203117	41.829	ng		99
25) Isophorone	9.77	82	387896	40.202	ng		99
26) 2-Nitrophenol	9.97	139	98190	42.674	ng		96
27) 2,4-Dimethylphenol	10.01	122	185906	50.865	ng		94
28) bis(2-Chloroethoxy)methane	10.26	93	233608	40.924	ng		99
29) 2,4-Dichlorophenol	10.50	162	182383	45.974	ng		100
30) 1,2,4-Trichlorobenzene	10.71	180	186082	42.718	ng		99
31) Naphthalene	10.91	128	547713	42.870	ng		99
32) Benzoic acid	10.17	122	57982	26.257	ng		95
33) 4-Chloroaniline	11.03	127	147111	26.995	ng		97
34) Hexachlorobutadiene	11.17	225	111613	40.064	ng		96
35) Caprolactam	11.82	113	68079m	43.244	ng		
36) 4-Chloro-3-methylphenol	12.14	107	213012	46.706	ng		99
37) 2-Methylnaphthalene	12.51	142	408131	43.193	ng		99
38) 1-Methylnaphthalene	12.73	142	392566	42.844	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	210649	40.151	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	228516	79.328	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	150979	44.635	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	166929	45.277	ng		98
46) 1,1'-Biphenyl	13.51	154	536221	41.114	ng		99
47) 2-Chloronaphthalene	13.56	162	417593	41.741	ng		99
48) 2-Nitroaniline	13.77	65	152028	45.051	ng		93
49) Acenaphthylene	14.40	152	691460	40.765	ng		98
50) Dimethylphthalate	14.13	163	552512	42.768	ng		100
51) 2,6-Dinitrotoluene	14.26	165	128913	44.442	ng		98
52) Acenaphthene	14.74	154	404567	41.624	ng		98
53) 3-Nitroaniline	14.60	138	105613	34.396	ng		96
54) 2,4-Dinitrophenol	14.80	184	126424	81.952	ng		95
55) Dibenzofuran	15.07	168	673211	43.105	ng		99
56) 4-Nitrophenol	14.90	139	207046	83.549	ng		96
57) 2,4-Dinitrotoluene	15.04	165	187726	46.575	ng	#	98
58) Fluorene	15.72	166	533052	43.411	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.30	232	158092	47.253	ng		98
60) Diethylphthalate	15.48	149	590552	44.672	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	287042	43.733	ng		97
62) 4-Nitroaniline	15.76	138	148118	44.950	ng		97
63) Azobenzene	16.00	77	545911	43.780	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	101254	42.501	ng		97
66) n-Nitrosodiphenylamine	15.93	169	515212	41.520	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	192061	40.247	ng		97
68) Hexachlorobenzene	16.72	284	195438	40.733	ng		98
69) Atrazine	16.87	200	192147	41.626	ng		97
70) Pentachlorophenol	17.07	266	213039	76.800	ng		96
71) Phenanthrene	17.46	178	925337	41.516	ng		99
72) Anthracene	17.56	178	941917	42.221	ng		99
73) Carbazole	17.83	167	900847	42.667	ng		99
74) Di-n-butylphthalate	18.36	149	1080491	43.174	ng		99
75) Fluoranthene	19.47	202	1138363	43.132	ng		99
77) Benzidine	19.66	184	412974	27.474	ng		98
78) Pyrene	19.83	202	1136493	41.519	ng		99
80) Butylbenzylphthalate	20.70	149	516543	44.099	ng		97
81) Benzo(a)anthracene	21.68	228	1031294	40.224	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	307996	31.579	ng		100
83) Chrysene	21.74	228	1033004	41.923	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	727161	43.429	ng		99
85) Di-n-octyl phthalate	22.76	149	1225898	42.973	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	1234247	40.955	ng	#	90
88) Benzo(b)fluoranthene	23.92	252	1099662	44.664	ng		99
89) Benzo(k)fluoranthene	23.99	252	1073153	47.398	ng		99
90) Benzo(a)pyrene	24.82	252	1079354	46.724	ng		99
91) Dibenzo(a,h)anthracene	28.79	278	1025337	47.791	ng		99
92) Benzo(g,h,i)perylene	29.93	276	1017258	46.136	ng		98

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

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