Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG040519\
Data File : BG040380.D
Acq On : 5 Apr 2019 17:05
Operator : JU/SJ
Sample : PB118645BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB118645BSD

Manual Integrations APPROVED
Sohil
4/8/2019 10:02:05 AM

Quant Time: Apr 06 00:13:58 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	8.05	152	90325	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	365106	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	226746	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	548101	20.00	ng		-0.02
76) Chrysene-d12	21.70	240	598787	20.00	ng		-0.03
87) Perylene-d12	24.97	264	580402	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	422563	77.77	ng		-0.02
7) Phenol-d6	7.21	99	594686	79.20	ng		-0.02
23) Nitrobenzene-d5	9.23	82	552541	80.44	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	226450	92.41	ng		-0.02
45) 2-Fluorobiphenyl	13.30	172	1204461	78.71	ng		-0.02
79) Terphenyl-d14	20.03	244	1980498	74.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	96344	37.710	ng		99
3) Pyridine	3.90	79	263470	38.302	ng		99
4) n-Nitrosodimethylamine	3.83	42	120642	37.915	ng	#	90
6) Aniline	7.38	93	378434	38.791	ng		99
8) 2-Chlorophenol	7.61	128	248255	39.032	ng		97
9) Benzaldehyde	7.19	77	146002	28.346	ng		97
10) Phenol	7.23	94	333864	40.963	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	255014	39.065	ng		99
12) 1,3-Dichlorobenzene	7.93	146	273103	39.500	ng		94
13) 1,4-Dichlorobenzene	8.08	146	272899	39.630	ng		99
14) 1,2-Dichlorobenzene	8.40	146	258879	39.312	ng		97
15) Benzyl Alcohol	8.29	79	231536	38.287	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	471573	37.640	ng		99
17) 2-Methylphenol	8.49	107	224390	39.786	ng		97
18) Hexachloroethane	9.13	117	102929	39.295	ng		96
19) n-Nitroso-di-n-propylamine	8.85	70	201578	37.442	ng		97
20) 3+4-Methylphenols	8.82	107	313444	41.025	ng		98
22) Acetophenone	8.88	105	392828	43.132	ng	#	95
24) Nitrobenzene	9.27	77	296391	41.669	ng		98
25) Isophorone	9.78	82	575047	40.687	ng		96
26) 2-Nitrophenol	9.97	139	146946	43.599	ng		98
27) 2,4-Dimethylphenol	10.02	122	234586	43.818	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	338826	40.522	ng		98
29) 2,4-Dichlorophenol	10.51	162	257153	44.253	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	274573	43.032	ng		98
31) Naphthalene	10.91	128	793165	42.383	ng		99
32) Benzoic acid	10.18	122	133500	41.272	ng		92
33) 4-Chloroaniline	11.02	127	345110	43.232	ng		99
34) Hexachlorobutadiene	11.17	225	169289	41.484	ng		92
35) Caprolactam	11.83	113	95309m	41.330	ng		
36) 4-Chloro-3-methylphenol	12.14	107	289136	43.281	ng		98
37) 2-Methylnaphthalene	12.51	142	590711	42.679	ng		98
38) 1-Methylnaphthalene	12.73	142	559947	41.720	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	300103	41.642	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	331733	83.833 ng		94
43) 2,4,6-Trichlorophenol	13.11	196	205839	44.300 ng		98
44) 2,4,5-Trichlorophenol	13.19	196	227013	44.824 ng		98
46) 1,1'-Biphenyl	13.51	154	739461	41.274 ng		100
47) 2-Chloronaphthalene	13.56	162	577523	42.024 ng		98
48) 2-Nitroaniline	13.77	65	199446	43.026 ng		97
49) Acenaphthylene	14.40	152	926879	39.780 ng		98
50) Dimethylphthalate	14.13	163	732601	41.283 ng		100
51) 2,6-Dinitrotoluene	14.26	165	174642	43.829 ng		97
52) Acenaphthene	14.74	154	558815	41.854 ng		96
53) 3-Nitroaniline	14.60	138	181909	43.128 ng		91
54) 2,4-Dinitrophenol	14.80	184	205433	96.943 ng		95
55) Dibenzofuran	15.08	168	905602	42.212 ng		100
56) 4-Nitrophenol	14.90	139	297552	87.408 ng		98
57) 2,4-Dinitrotoluene	15.05	165	247592	44.719 ng	#	97
58) Fluorene	15.73	166	701586	41.594 ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	201974	43.948 ng		100
60) Diethylphthalate	15.48	149	761189	41.917 ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	384650	42.662 ng		98
62) 4-Nitroaniline	15.77	138	203475	44.952 ng		99
63) Azobenzene	16.00	77	710131	41.458 ng		100
65) 4,6-Dinitro-2-methylphenol	15.81	198	155749	50.579 ng		99
66) n-Nitrosodiphenylamine	15.93	169	661733	41.258 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	255252	41.383 ng		97
68) Hexachlorobenzene	16.72	284	262030	42.251 ng		96
69) Atrazine	16.87	200	211712	35.484 ng		98
70) Pentachlorophenol	17.07	266	287710	80.244 ng		94
71) Phenanthrene	17.47	178	1188479	41.254 ng		99
72) Anthracene	17.56	178	1212018	42.032 ng		98
73) Carbazole	17.83	167	1167026	42.764 ng		99
74) Di-n-butylphthalate	18.36	149	1343285	41.526 ng		99
75) Fluoranthene	19.47	202	1501790	44.023 ng		98
77) Benzidine	19.66	184	919259	42.513 ng		99
78) Pyrene	19.84	202	1489505	37.827 ng		96
80) Butylbenzylphthalate	20.70	149	693041	41.130 ng		97
81) Benzo(a)anthracene	21.68	228	1498142	40.620 ng		96
82) 3,3'-Dichlorobenzidine	21.59	252	579596	41.311 ng		99
83) Chrysene	21.75	228	1412952	39.862 ng		98
84) Bis(2-ethylhexyl)phthalate	21.54	149	972751	40.386 ng		99
85) Di-n-octyl phthalate	22.76	149	1693944	41.278 ng		100
86) Indeno(1,2,3-cd)pyrene	28.75	276	1831220	42.240 ng	#	92
88) Benzo(b)fluoranthene	23.93	252	1571546	44.226 ng		97
89) Benzo(k)fluoranthene	24.00	252	1511720	46.261 ng		98
90) Benzo(a)pyrene	24.83	252	1559140	46.764 ng		99
91) Dibenzo(a,h)anthracene	28.80	278	1490641	48.139 ng		98
92) Benzo(g,h,i)perylene	29.93	276	1539246	48.369 ng		96

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

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