Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041213.D
Acq On : 12 Jun 2019 19:29
Operator : HP/JU
Sample : PB120532BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120532BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:53 AM

Quant Time: Jun 13 07:52:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	34244	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	141674	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	104657	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	256994	20.00	ng		0.00
76) Chrysene-d12	21.76	240	292724	20.00	ng		0.00
87) Perylene-d12	25.08	264	263960	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	163211	85.94	ng		0.00
7) Phenol-d6	7.25	99	238406	81.29	ng		0.00
23) Nitrobenzene-d5	9.28	82	235189	73.70	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	123259	79.33	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	547585	75.35	ng		0.00
79) Terphenyl-d14	20.08	244	1008395	73.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	33924	39.366	ng	#	93
3) Pyridine	3.91	79	82215	32.242	ng		99
4) n-Nitrosodimethylamine	3.83	42	50931	43.036	ng		83
6) Aniline	7.43	93	83057	21.216	ng		98
8) 2-Chlorophenol	7.66	128	97976	43.275	ng		96
9) Benzaldehyde	7.24	77	3681m	2.104	ng		
10) Phenol	7.28	94	133935	42.591	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	88459	38.776	ng		97
12) 1,3-Dichlorobenzene	7.99	146	105124	38.876	ng		96
13) 1,4-Dichlorobenzene	8.14	146	108012	39.462	ng		95
14) 1,2-Dichlorobenzene	8.45	146	102595	38.604	ng		99
15) Benzyl Alcohol	8.34	79	106904	39.404	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	132794	35.623	ng		97
17) 2-Methylphenol	8.54	107	93200	40.933	ng		98
18) Hexachloroethane	9.19	117	40426	38.321	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	83597	37.039	ng		99
20) 3+4-Methylphenols	8.87	107	127146	40.314	ng		99
22) Acetophenone	8.94	105	160392	40.358	ng	#	96
24) Nitrobenzene	9.32	77	137475	42.271	ng		97
25) Isophorone	9.84	82	235460	38.770	ng		99
26) 2-Nitrophenol	10.04	139	60568	45.175	ng		94
27) 2,4-Dimethylphenol	10.08	122	103706	46.835	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	125926	38.416	ng		99
29) 2,4-Dichlorophenol	10.57	162	121172	43.093	ng		95
30) 1,2,4-Trichlorobenzene	10.78	180	131622	41.148	ng		98
31) Naphthalene	10.98	128	321505	42.267	ng		97
32) Benzoic acid	10.21	122	56623m	35.446	ng		
33) 4-Chloroaniline	11.09	127	73740	20.893	ng		99
34) Hexachlorobutadiene	11.23	225	93667	38.270	ng		98
35) Caprolactam	11.88	113	33687	36.279	ng	#	80
36) 4-Chloro-3-methylphenol	12.20	107	130183	40.538	ng		96
37) 2-Methylnaphthalene	12.57	142	244415	41.720	ng		100
38) 1-Methylnaphthalene	12.79	142	230871	41.820	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	182145	43.180	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	189892	83.359	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	113130	41.457	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	117854	40.951	ng		98
46) 1,1'-Biphenyl	13.57	154	331549	42.798	ng		97
47) 2-Chloronaphthalene	13.62	162	271564	40.833	ng		98
48) 2-Nitroaniline	13.83	65	95719	40.119	ng		98
49) Acenaphthylene	14.47	152	417195	41.680	ng		98
50) Dimethylphthalate	14.18	163	347518	39.227	ng		99
51) 2,6-Dinitrotoluene	14.32	165	78774	41.240	ng		94
52) Acenaphthene	14.80	154	244978	40.401	ng		96
53) 3-Nitroaniline	14.65	138	58636	30.698	ng		98
54) 2,4-Dinitrophenol	14.86	184	66682	70.715	ng		92
55) Dibenzofuran	15.14	168	429392	42.084	ng		100
56) 4-Nitrophenol	14.95	139	107054	81.712	ng		87
57) 2,4-Dinitrotoluene	15.10	165	111126	41.185	ng		97
58) Fluorene	15.78	166	335565	41.297	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	121305	42.890	ng		98
60) Diethylphthalate	15.53	149	355003	39.265	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	212000	40.140	ng		98
62) 4-Nitroaniline	15.82	138	74554	36.869	ng		96
63) Azobenzene	16.06	77	327895	39.903	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	59951	44.333	ng		99
66) n-Nitrosodiphenylamine	15.98	169	304753	42.184	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	137064	39.520	ng		98
68) Hexachlorobenzene	16.77	284	144382	39.095	ng		98
69) Atrazine	16.92	200	112942	40.516	ng		96
70) Pentachlorophenol	17.12	266	162547	82.046	ng		96
71) Phenanthrene	17.52	178	568303	42.454	ng		99
72) Anthracene	17.61	178	580372	43.959	ng		99
73) Carbazole	17.89	167	494328	43.636	ng		98
74) Di-n-butylphthalate	18.41	149	587202	41.705	ng		99
75) Fluoranthene	19.52	202	743776	44.983	ng		100
77) Benzidine	19.71	184	169255	24.238	ng		95
78) Pyrene	19.89	202	742936	39.042	ng		98
80) Butylbenzylphthalate	20.75	149	274114	37.016	ng		99
81) Benzo(a)anthracene	21.74	228	712878	36.585	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	185621	27.084	ng		98
83) Chrysene	21.80	228	697049	37.382	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	379138	36.370	ng		98
85) Di-n-octyl phthalate	22.84	149	647659	37.304	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	628105	27.498	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	678607	42.386	ng		99
89) Benzo(k)fluoranthene	24.09	252	710874	44.870	ng		99
90) Benzo(a)pyrene	24.92	252	663026	43.407	ng	#	95
91) Dibenzo(a,h)anthracene	28.97	278	513901	33.670	ng		99
92) Benzo(g,h,i)perylene	30.10	276	453918	30.612	ng		97

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

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