Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041105.D
Acq On : 7 Jun 2019 17:19
Operator : HP/JU
Sample : K3189-07MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : S-8CMS

Manual Integrations APPROVED
mohammad
6/11/2019 8:54:22 AM

Quant Time: Jun 08 17:56:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	47800	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	197305	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	141830	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	339163	20.00	ng	0.00
76) Chrysene-d12	21.76	240	336243	20.00	ng	0.00
87) Perylene-d12	25.09	264	361298	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	404976	152.77	ng	0.00
7) Phenol-d6	7.26	99	610615	149.15	ng	0.00
23) Nitrobenzene-d5	9.29	82	414927	93.36	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	291338	138.37	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	830844	84.36	ng	0.00
79) Terphenyl-d14	20.07	244	1341184	84.65	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	38579	32.072	ng	# 93
3) Pyridine	3.91	79	110445	31.030	ng	97
4) n-Nitrosodimethylamine	3.83	42	72333	43.787	ng	98
6) Aniline	7.43	93	145431	26.614	ng	99
8) 2-Chlorophenol	7.67	128	152292	48.189	ng	97
9) Benzaldehyde	7.24	77	53861	22.055	ng	98
10) Phenol	7.28	94	209752	47.785	ng	96
11) bis(2-Chloroethyl)ether	7.52	93	138521	43.500	ng	99
12) 1,3-Dichlorobenzene	7.99	146	153234	40.597	ng	93
13) 1,4-Dichlorobenzene	8.14	146	157895	41.327	ng	99
14) 1,2-Dichlorobenzene	8.46	146	156043	42.064	ng	99
15) Benzyl Alcohol	8.35	79	177210	46.794	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.63	45	220256	42.329	ng	98
17) 2-Methylphenol	8.54	107	150191	47.257	ng	95
18) Hexachloroethane	9.19	117	61310	41.635	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	136413	43.299	ng	95
20) 3+4-Methylphenols	8.88	107	203456	46.215	ng	94
22) Acetophenone	8.94	105	264026	47.703	ng	99
24) Nitrobenzene	9.33	77	209005	46.145	ng	99
25) Isophorone	9.85	82	394046	46.588	ng	99
26) 2-Nitrophenol	10.04	139	94849	50.798	ng	97
27) 2,4-Dimethylphenol	10.08	122	165146	53.553	ng	99
28) bis(2-Chloroethoxy)methane	10.33	93	207127	45.372	ng	100
29) 2,4-Dichlorophenol	10.57	162	183653	46.898	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	198019	44.450	ng	95
31) Naphthalene	10.98	128	485408	45.821	ng	100
32) Benzoic acid	10.22	122	76684	34.694	ng	88
33) 4-Chloroaniline	11.09	127	67982	13.831	ng	98
34) Hexachlorobutadiene	11.24	225	142371	41.768	ng	98
35) Caprolactam	11.88	113	56504m	43.694	ng	
36) 4-Chloro-3-methylphenol	12.20	107	204744	45.780	ng	99
37) 2-Methylnaphthalene	12.58	142	364391	44.662	ng	98
38) 1-Methylnaphthalene	12.79	142	346127	45.019	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	266561	46.630	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	338285	106.990	ng	97
43) 2,4,6-Trichlorophenol	13.18	196	176866	47.826	ng	97
44) 2,4,5-Trichlorophenol	13.25	196	187033	47.955	ng	96
46) 1,1'-Biphenyl	13.58	154	485891	46.282	ng	99
47) 2-Chloronaphthalene	13.62	162	406138	45.062	ng	98
48) 2-Nitroaniline	13.83	65	143573	44.404	ng	97
49) Acenaphthylene	14.47	152	617918	45.553	ng	99
50) Dimethylphthalate	14.19	163	691582	57.603	ng	99
51) 2,6-Dinitrotoluene	14.32	165	118200	45.662	ng	94
52) Acenaphthene	14.80	154	360893	43.918	ng	99
53) 3-Nitroaniline	14.65	138	74212	28.670	ng	95
54) 2,4-Dinitrophenol	14.86	184	163626	106.422	ng	98
55) Dibenzofuran	15.14	168	621068	44.916	ng	98
56) 4-Nitrophenol	14.95	139	183652	103.438	ng	97
57) 2,4-Dinitrotoluene	15.10	165	169316	46.304	ng	97
58) Fluorene	15.79	166	479000	43.499	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	184618	48.167	ng	99
60) Diethylphthalate	15.54	149	524555	42.812	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	307802	43.004	ng	96
62) 4-Nitroaniline	15.81	138	114162	41.659	ng	99
63) Azobenzene	16.06	77	474679	42.625	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	108442	57.580	ng	97
66) n-Nitrosodiphenylamine	15.99	169	451951	47.403	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	197763	43.207	ng	94
68) Hexachlorobenzene	16.78	284	204496	41.957	ng	98
69) Atrazine	16.93	200	188939	51.358	ng	99
70) Pentachlorophenol	17.13	266	265752	100.624	ng	98
71) Phenanthrene	17.52	178	827405	46.835	ng	98
72) Anthracene	17.62	178	817303	46.907	ng	99
73) Carbazole	17.89	167	729269	48.779	ng	98
74) Di-n-butylphthalate	18.42	149	820452	44.154	ng	98
75) Fluoranthene	19.53	202	1032139	47.300	ng	99
77) Benzidine	19.71	184	231351	28.843	ng	99
78) Pyrene	19.89	202	1035478	47.373	ng	97
80) Butylbenzylphthalate	20.76	149	409676	48.162	ng	98
81) Benzo(a)anthracene	21.74	228	994209	44.419	ng	98
82) 3,3'-Dichlorobenzidine	21.66	252	233777	29.696	ng	99
83) Chrysene	21.81	228	984159	45.948	ng	99
84) Bis(2-ethylhexyl)phthalate	21.61	149	688649	57.510	ng	99
85) Di-n-octyl phthalate	22.85	149	908340	45.548	ng	100
86) Indeno(1,2,3-cd)pyrene	28.92	276	1173675	44.732	ng	99
88) Benzo(b)fluoranthene	24.02	252	1015221	46.328	ng	98
89) Benzo(k)fluoranthene	24.09	252	961185	44.324	ng	99
90) Benzo(a)pyrene	24.93	252	976666	46.714	ng	99
91) Dibenzo(a,h)anthracene	28.98	278	972238	46.539	ng	99
92) Benzo(g,h,i)perylene	30.13	276	981803	48.374	ng	99

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

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