Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061219\
Data File : BG041201.D
Acq On : 12 Jun 2019 11:51
Operator : HP/JU
Sample : K3265-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
B-01-(0-37)COMPMS

Manual Integrations APPROVED
mohammad
6/14/2019 8:36:29 AM

Quant Time: Jun 13 07:16:52 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	8.11	152	42300	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	168647	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	126293	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	308079	20.00	ng	0.00
76) Chrysene-d12	21.76	240	306119	20.00	ng	0.00
87) Perylene-d12	25.09	264	320133	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	382468	163.04	ng	0.00
7) Phenol-d6	7.25	99	567795	156.73	ng	0.00
23) Nitrobenzene-d5	9.29	82	386899	101.85	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	307182	163.84	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	825389	94.12	ng	0.00
79) Terphenyl-d14	20.08	244	1388484	96.26	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	38741	36.394	ng	94
3) Pyridine	3.90	79	111104	35.274	ng	98
4) n-Nitrosodimethylamine	3.83	42	71188	48.697	ng	89
6) Aniline	7.42	93	91120	18.843	ng	98
8) 2-Chlorophenol	7.66	128	144151	51.544	ng	95
9) Benzaldehyde	7.24	77	41582	19.241	ng	94
10) Phenol	7.28	94	198430	51.083	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	126522	44.898	ng	95
12) 1,3-Dichlorobenzene	7.99	146	150146	44.951	ng	97
13) 1,4-Dichlorobenzene	8.14	146	151584	44.834	ng	97
14) 1,2-Dichlorobenzene	8.46	146	146838	44.729	ng	97
15) Benzyl Alcohol	8.35	79	160421	47.868	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.62	45	194861	42.318	ng	96
17) 2-Methylphenol	8.54	107	134724	47.902	ng	98
18) Hexachloroethane	9.19	117	58983	45.263	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	123656	44.353	ng	98
20) 3+4-Methylphenols	8.87	107	184039	47.240	ng	93
22) Acetophenone	8.93	105	238787	50.475	ng	96
24) Nitrobenzene	9.33	77	198025	51.151	ng	96
25) Isophorone	9.84	82	354694	49.061	ng	98
26) 2-Nitrophenol	10.04	139	89511	56.085	ng	95
27) 2,4-Dimethylphenol	10.08	122	148598	56.375	ng	98
28) bis(2-Chloroethoxy)methane	10.32	93	185264	47.479	ng	99
29) 2,4-Dichlorophenol	10.57	162	174633	52.172	ng	94
30) 1,2,4-Trichlorobenzene	10.78	180	190122	49.930	ng	97
31) Naphthalene	10.98	128	462069	51.030	ng	100
32) Benzoic acid	10.17	122	10804m	12.509	ng	
33) 4-Chloroaniline	11.09	127	69732	16.598	ng	94
34) Hexachlorobutadiene	11.24	225	137718	47.268	ng	96
35) Caprolactam	11.89	113	52319m	47.333	ng	
36) 4-Chloro-3-methylphenol	12.19	107	196458	51.392	ng	96
37) 2-Methylnaphthalene	12.57	142	357541	51.269	ng	98
38) 1-Methylnaphthalene	12.79	142	333944	50.815	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	263040	51.675	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	255181	91.894	ng	96
43) 2,4,6-Trichlorophenol	13.18	196	171032	51.939	ng	92
44) 2,4,5-Trichlorophenol	13.25	196	182473	52.542	ng	98
46) 1,1'-Biphenyl	13.57	154	487773	52.177	ng	100
47) 2-Chloronaphthalene	13.62	162	408229	50.866	ng	99
48) 2-Nitroaniline	13.83	65	148352	51.527	ng	97
49) Acenaphthylene	14.46	152	626894	51.900	ng	99
50) Dimethylphthalate	14.19	163	594971	55.653	ng	99
51) 2,6-Dinitrotoluene	14.32	165	118715	51.503	ng	94
52) Acenaphthene	14.80	154	367990	50.290	ng	95
53) 3-Nitroaniline	14.65	138	71186	30.884	ng	93
54) 2,4-Dinitrophenol	14.86	184	31269	36.644	ng	96
55) Dibenzofuran	15.14	168	640563	52.026	ng	99
56) 4-Nitrophenol	14.96	139	164834	104.261	ng	93
57) 2,4-Dinitrotoluene	15.10	165	170408	52.336	ng	98
58) Fluorene	15.78	166	502259	51.222	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	179641	52.635	ng	99
60) Diethylphthalate	15.54	149	531436	48.710	ng	100
61) 4-Chlorophenyl-phenylether	15.77	204	324518	50.918	ng	95
62) 4-Nitroaniline	15.82	138	113195	46.388	ng	99
63) Azobenzene	16.06	77	494860	49.904	ng	98
65) 4,6-Dinitro-2-methylphenol	15.86	198	65857	41.343	ng	98
66) n-Nitrosodiphenylamine	15.99	169	453510	52.366	ng	99
67) 4-Bromophenyl-phenylether	16.67	248	208127	50.059	ng	95
68) Hexachlorobenzene	16.78	284	219698	49.624	ng	98
69) Atrazine	16.92	200	191725	57.374	ng	98
70) Pentachlorophenol	17.12	266	216045	90.504	ng	96
71) Phenanthrene	17.52	178	867446	54.055	ng	99
72) Anthracene	17.62	178	869396	54.931	ng	99
73) Carbazole	17.89	167	737908	54.337	ng	99
74) Di-n-butylphthalate	18.42	149	868439	51.452	ng	98
75) Fluoranthene	19.53	202	1092815	55.134	ng	98
77) Benzidine	19.71	184	183444	25.120	ng	98
78) Pyrene	19.89	202	1084093	54.478	ng	99
80) Butylbenzylphthalate	20.76	149	404921	52.287	ng	98
81) Benzo(a)anthracene	21.74	228	1035230	50.803	ng	99
82) 3,3'-Dichlorobenzidine	21.65	252	190138	26.529	ng	99
83) Chrysene	21.81	228	1017875	52.198	ng	98
84) Bis(2-ethylhexyl)phthalate	21.61	149	571001	52.378	ng	100
85) Di-n-octyl phthalate	22.84	149	962078	52.990	ng	100
86) Indeno(1,2,3-cd)pyrene	28.90	276	995012	41.655	ng	98
88) Benzo(b)fluoranthene	24.02	252	1030601	53.077	ng	100
89) Benzo(k)fluoranthene	24.09	252	1039603	54.105	ng	98
90) Benzo(a)pyrene	24.93	252	1014420	54.758	ng	96
91) Dibenzo(a,h)anthracene	28.97	278	795374	42.968	ng	98
92) Benzo(g,h,i)perylene	30.12	276	789946	43.926	ng	96

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

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