Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041142.D
Acq On : 8 Jun 2019 20:35
Operator : HP/JU
Sample : K3246-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-PS-01-047MS

Quant Time: Jun 10 04:28:27 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	50678	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	206042	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	141314	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	342922	20.00	ng		0.00
76) Chrysene-d12	21.76	240	337285	20.00	ng		0.00
87) Perylene-d12	25.09	264	367092	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	468129	166.57	ng		0.00
7) Phenol-d6	7.26	99	691624	159.35	ng		0.01
23) Nitrobenzene-d5	9.29	82	462699	99.69	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	316946	151.08	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	915972	93.35	ng		0.00
79) Terphenyl-d14	20.07	244	1376027	86.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	46580	36.524	ng	#	91
3) Pyridine	3.90	79	131685	34.896	ng		99
4) n-Nitrosodimethylamine	3.83	42	86138	49.183	ng		88
6) Aniline	7.43	93	126986	21.919	ng		95
8) 2-Chlorophenol	7.67	128	177713	53.040	ng		96
9) Benzaldehyde	7.24	77	58560	22.617	ng		97
10) Phenol	7.28	94	257435	55.317	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	163842	48.530	ng		97
12) 1,3-Dichlorobenzene	7.99	146	186989	46.726	ng		97
13) 1,4-Dichlorobenzene	8.14	146	186407	46.019	ng		97
14) 1,2-Dichlorobenzene	8.46	146	185134	47.072	ng		99
15) Benzyl Alcohol	8.35	79	200700	49.987	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	249305	45.191	ng		99
17) 2-Methylphenol	8.54	107	170592	50.627	ng		99
18) Hexachloroethane	9.19	117	74125	47.479	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	157844	47.256	ng		96
20) 3+4-Methylphenols	8.87	107	233224	49.968	ng		99
22) Acetophenone	8.94	105	300714	52.028	ng	#	97
24) Nitrobenzene	9.33	77	245554	51.916	ng		99
25) Isophorone	9.84	82	443972	50.265	ng		99
26) 2-Nitrophenol	10.04	139	113157	58.033	ng		96
27) 2,4-Dimethylphenol	10.08	122	186917	58.043	ng		97
28) bis(2-Chloroethoxy)methane	10.32	93	235052	49.306	ng		98
29) 2,4-Dichlorophenol	10.57	162	215964	52.810	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	232488	49.975	ng		96
31) Naphthalene	10.98	128	563268	50.916	ng		99
32) Benzoic acid	10.18	122	28727	17.659	ng		92
33) 4-Chloroaniline	11.08	127	70376	13.711	ng		94
34) Hexachlorobutadiene	11.24	225	169400	47.590	ng		96
35) Caprolactam	11.88	113	61309m	45.399	ng		
36) 4-Chloro-3-methylphenol	12.20	107	230574	49.369	ng		96
37) 2-Methylnaphthalene	12.58	142	420171	49.315	ng		98
38) 1-Methylnaphthalene	12.79	142	399919m	49.810	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	309422	54.325	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	302062	96.737	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	202596	54.984	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	209386	53.883	ng		98
46) 1,1'-Biphenyl	13.58	154	565544	54.066	ng		99
47) 2-Chloronaphthalene	13.62	162	464966	51.778	ng		98
48) 2-Nitroaniline	13.83	65	162414	50.415	ng		98
49) Acenaphthylene	14.46	152	701630	51.913	ng		100
50) Dimethylphthalate	14.19	163	712739	59.582	ng		99
51) 2,6-Dinitrotoluene	14.32	165	132643	51.428	ng		97
52) Acenaphthene	14.80	154	410872	50.182	ng		98
53) 3-Nitroaniline	14.65	138	82410	31.953	ng		93
54) 2,4-Dinitrophenol	14.86	184	66619	57.274	ng		97
55) Dibenzofuran	15.13	168	708096	51.397	ng		98
56) 4-Nitrophenol	14.95	139	201567	113.943	ng		94
57) 2,4-Dinitrotoluene	15.10	165	190609	52.318	ng		98
58) Fluorene	15.79	166	547339	49.886	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	208055	54.480	ng		98
60) Diethylphthalate	15.54	149	597110	48.912	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	348454	48.862	ng		97
62) 4-Nitroaniline	15.81	138	129463	47.415	ng		94
63) Azobenzene	16.06	77	545397	49.154	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	87013	47.468	ng		97
66) n-Nitrosodiphenylamine	15.98	169	500884	51.959	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	222552	48.090	ng		98
68) Hexachlorobenzene	16.78	284	232109	47.101	ng		100
69) Atrazine	16.93	200	213740	57.463	ng		100
70) Pentachlorophenol	17.12	266	254581	95.561	ng		98
71) Phenanthrene	17.52	178	898237	50.287	ng		99
72) Anthracene	17.62	178	917120	52.059	ng		99
73) Carbazole	17.89	167	805339	53.277	ng		99
74) Di-n-butylphthalate	18.42	149	923265	49.142	ng		98
75) Fluoranthene	19.53	202	1127863	51.120	ng		99
77) Benzidine	19.71	184	332242	41.293	ng		97
78) Pyrene	19.89	202	1126816	51.392	ng		99
80) Butylbenzylphthalate	20.76	149	437509	51.275	ng		99
81) Benzo(a)anthracene	21.74	228	1095972	48.814	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	176693	22.375	ng		99
83) Chrysene	21.81	228	1080002	50.267	ng		96
84) Bis(2-ethylhexyl)phthalate	21.61	149	605672	50.425	ng		98
85) Di-n-octyl phthalate	22.85	149	1018879	50.933	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1320596	50.176	ng	#	96
88) Benzo(b)fluoranthene	24.02	252	1128249	50.673	ng		100
89) Benzo(k)fluoranthene	24.09	252	1069978	48.562	ng		98
90) Benzo(a)pyrene	24.93	252	1091772	51.395	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	1078347	50.803	ng		99
92) Benzo(g,h,i)perylene	30.12	276	1085761	52.652	ng		98

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

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