Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041185.D
Acq On : 11 Jun 2019 12:16
Operator : HP/JU
Sample : K3265-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
6/14/2019 8:38:22 AM

Quant Time: Jun 12 02:21:47 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	42202	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	164168	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	125382	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	307434	20.00	ng		0.00
76) Chrysene-d12	21.76	240	306615	20.00	ng		0.00
87) Perylene-d12	25.09	264	319614	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	374466	160.00	ng		0.00
7) Phenol-d6	7.26	99	563763	155.97	ng		0.01
23) Nitrobenzene-d5	9.29	82	383680	103.75	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	313794	168.58	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	842061	96.72	ng		0.00
79) Terphenyl-d14	20.08	244	1404165	97.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	38056	35.834	ng		94
3) Pyridine	3.91	79	106550	33.906	ng		94
4) n-Nitrosodimethylamine	3.83	42	67752	46.455	ng		93
6) Aniline	7.43	93	85838	17.792	ng		95
8) 2-Chlorophenol	7.67	128	139477	49.989	ng		98
9) Benzaldehyde	7.24	77	41144	19.082	ng		97
10) Phenol	7.28	94	193059	49.816	ng		99
11) bis(2-Chloroethyl)ether	7.53	93	127707	45.424	ng		95
12) 1,3-Dichlorobenzene	7.99	146	148712	44.625	ng		94
13) 1,4-Dichlorobenzene	8.14	146	152461	45.198	ng		97
14) 1,2-Dichlorobenzene	8.46	146	148956	45.480	ng		97
15) Benzyl Alcohol	8.35	79	159518	47.709	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	193958	42.219	ng		98
17) 2-Methylphenol	8.54	107	133631	47.623	ng		97
18) Hexachloroethane	9.19	117	57648	44.341	ng		98
19) n-Nitroso-di-n-propylamine	8.91	70	122560	44.062	ng		98
20) 3+4-Methylphenols	8.87	107	184821	47.550	ng		97
22) Acetophenone	8.94	105	233305	50.661	ng	#	97
24) Nitrobenzene	9.33	77	197236	52.337	ng		98
25) Isophorone	9.84	82	351858	49.997	ng		99
26) 2-Nitrophenol	10.04	139	88409	56.906	ng		95
27) 2,4-Dimethylphenol	10.08	122	151351	58.986	ng		95
28) bis(2-Chloroethoxy)methane	10.32	93	185117	48.736	ng		98
29) 2,4-Dichlorophenol	10.57	162	176353	54.124	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	189340	51.081	ng		95
31) Naphthalene	10.98	128	464436	52.691	ng		99
32) Benzoic acid	10.18	122	17216	15.297	ng		96
33) 4-Chloroaniline	11.09	127	59012	14.429	ng		95
34) Hexachlorobutadiene	11.24	225	136110	47.991	ng		97
35) Caprolactam	11.89	113	54356m	50.517	ng		
36) 4-Chloro-3-methylphenol	12.20	107	201399	54.122	ng		95
37) 2-Methylnaphthalene	12.57	142	360383	53.086	ng		99
38) 1-Methylnaphthalene	12.80	142	346387	54.147	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	268557	53.142	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	263885	95.376	ng		98
43) 2,4,6-Trichlorophenol	13.18	196	174883	53.494	ng		95
44) 2,4,5-Trichlorophenol	13.25	196	184545	53.525	ng		97
46) 1,1'-Biphenyl	13.57	154	494064	53.234	ng		97
47) 2-Chloronaphthalene	13.62	162	408206	51.233	ng		100
48) 2-Nitroaniline	13.84	65	145521	50.911	ng		97
49) Acenaphthylene	14.46	152	636904	53.112	ng		100
50) Dimethylphthalate	14.19	163	608100	57.294	ng		99
51) 2,6-Dinitrotoluene	14.32	165	120914	52.838	ng		92
52) Acenaphthene	14.81	154	371534	51.144	ng		97
53) 3-Nitroaniline	14.65	138	67401	29.454	ng	#	95
54) 2,4-Dinitrophenol	14.86	184	62835	59.782	ng		98
55) Dibenzofuran	15.13	168	650462	53.213	ng		99
56) 4-Nitrophenol	14.96	139	170229	108.455	ng		94
57) 2,4-Dinitrotoluene	15.10	165	174503	53.983	ng		99
58) Fluorene	15.79	166	507337	52.116	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	187311	55.281	ng		98
60) Diethylphthalate	15.54	149	540477	49.899	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	326027	51.526	ng		95
62) 4-Nitroaniline	15.82	138	115014	47.476	ng		93
63) Azobenzene	16.06	77	494243	50.204	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	88570	52.732	ng		97
66) n-Nitrosodiphenylamine	15.99	169	463266	53.604	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	212346	51.181	ng		95
68) Hexachlorobenzene	16.78	284	217896	49.320	ng		99
69) Atrazine	16.93	200	196270	58.857	ng		99
70) Pentachlorophenol	17.13	266	242227	101.159	ng		97
71) Phenanthrene	17.53	178	873672	54.558	ng		99
72) Anthracene	17.62	178	880501	55.750	ng		99
73) Carbazole	17.89	167	743626	54.873	ng		99
74) Di-n-butylphthalate	18.42	149	869826	51.642	ng		99
75) Fluoranthene	19.53	202	1096589	55.440	ng		98
77) Benzidine	19.71	184	277821	37.983	ng		96
78) Pyrene	19.89	202	1078868	54.127	ng		99
80) Butylbenzylphthalate	20.76	149	402822	51.932	ng		97
81) Benzo(a)anthracene	21.74	228	1038553	50.884	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	190301	26.509	ng		97
83) Chrysene	21.81	228	1013524	51.891	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	561314	51.406	ng		100
85) Di-n-octyl phthalate	22.85	149	952047	52.352	ng		100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1089774	45.548	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	1034697	53.374	ng		100
89) Benzo(k)fluoranthene	24.09	252	1043996	54.422	ng		99
90) Benzo(a)pyrene	24.94	252	1022159	55.266	ng		97
91) Dibenzo(a,h)anthracene	28.98	278	895423	48.452	ng		98
92) Benzo(g,h,i)perylene	30.13	276	840850	46.832	ng		98

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

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