Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061119\
Data File : BG041190.D
Acq On : 11 Jun 2019 15:27
Operator : HP/JU
Sample : IDOC-BS-W03-RC
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
IDOC-BS-W03-RC

Manual Integrations APPROVED
mohammad
6/14/2019 8:38:29 AM

Quant Time: Jun 12 02:28:55 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	35001	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	140974	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	108229	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	270740	20.00	ng		0.00
76) Chrysene-d12	21.76	240	269238	20.00	ng		0.00
87) Perylene-d12	25.08	264	271050	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	271369	139.81	ng		0.00
7) Phenol-d6	7.26	99	391581	130.63	ng		0.00
23) Nitrobenzene-d5	9.28	82	270848	85.29	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	219017	136.31	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	649601	86.44	ng		0.00
79) Terphenyl-d14	20.08	244	1175501	92.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	36477	41.413	ng		99
3) Pyridine	3.91	79	95250	36.546	ng		95
4) n-Nitrosodimethylamine	3.82	42	52879	43.716	ng		87
6) Aniline	7.43	93	97248	24.304	ng		98
8) 2-Chlorophenol	7.66	128	110081	47.570	ng		95
9) Benzaldehyde	7.24	77	31695	17.724	ng		86
10) Phenol	7.29	94	150074	46.691	ng		97
11) bis(2-Chloroethyl)ether	7.52	93	99967	42.873	ng		98
12) 1,3-Dichlorobenzene	7.99	146	119396	43.199	ng		98
13) 1,4-Dichlorobenzene	8.14	146	122721	43.866	ng		94
14) 1,2-Dichlorobenzene	8.46	146	114981	42.329	ng		100
15) Benzyl Alcohol	8.34	79	120073	43.300	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.63	45	147455	38.700	ng		96
17) 2-Methylphenol	8.54	107	103842	44.621	ng		96
18) Hexachloroethane	9.19	117	45071	41.800	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	91918	39.844	ng		98
20) 3+4-Methylphenols	8.87	107	140199	43.491	ng		97
22) Acetophenone	8.94	105	179381	45.361	ng		99
24) Nitrobenzene	9.33	77	148840	45.993	ng		99
25) Isophorone	9.84	82	260211	43.058	ng		100
26) 2-Nitrophenol	10.04	139	65784	49.309	ng	#	87
27) 2,4-Dimethylphenol	10.08	122	111886	50.780	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	139619	42.805	ng		98
29) 2,4-Dichlorophenol	10.57	162	135161	48.306	ng		96
30) 1,2,4-Trichlorobenzene	10.78	180	146449	46.010	ng		93
31) Naphthalene	10.98	128	353134	46.655	ng		99
32) Benzoic acid	10.22	122	72667	43.360	ng		95
33) 4-Chloroaniline	11.09	127	75669	21.546	ng		97
34) Hexachlorobutadiene	11.24	225	104271	42.814	ng		97
35) Caprolactam	11.88	113	40380	43.703	ng		100
36) 4-Chloro-3-methylphenol	12.20	107	152576	47.747	ng		99
37) 2-Methylnaphthalene	12.57	142	272871	46.808	ng		98
38) 1-Methylnaphthalene	12.79	142	262899m	47.858	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	204112	46.791	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	218405	91.788	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	131602	46.635	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	140546	47.224	ng		96
46) 1,1'-Biphenyl	13.57	154	374186	46.707	ng		100
47) 2-Chloronaphthalene	13.62	162	314636	45.748	ng		98
48) 2-Nitroaniline	13.83	65	109305	44.301	ng		95
49) Acenaphthylene	14.47	152	485963	46.948	ng		99
50) Dimethylphthalate	14.18	163	396730	43.303	ng		99
51) 2,6-Dinitrotoluene	14.32	165	88993	45.052	ng		98
52) Acenaphthene	14.80	154	282385	45.033	ng		95
53) 3-Nitroaniline	14.65	138	65327	33.073	ng	#	99
54) 2,4-Dinitrophenol	14.85	184	93826	87.553	ng		97
55) Dibenzofuran	15.14	168	497879	47.186	ng		98
56) 4-Nitrophenol	14.95	139	129414	95.519	ng		93
57) 2,4-Dinitrotoluene	15.10	165	129566	46.434	ng	#	99
58) Fluorene	15.78	166	386960	46.050	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	142014	48.555	ng		99
60) Diethylphthalate	15.53	149	408525	43.694	ng		100
61) 4-Chlorophenyl-phenylether	15.76	204	247143	45.249	ng		97
62) 4-Nitroaniline	15.82	138	88299	42.225	ng		93
63) Azobenzene	16.06	77	383755	45.159	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	72799	49.789	ng		97
66) n-Nitrosodiphenylamine	15.99	169	352412	46.304	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	158891	43.487	ng		95
68) Hexachlorobenzene	16.77	284	165689	42.586	ng		99
69) Atrazine	16.93	200	145695	49.612	ng		95
70) Pentachlorophenol	17.13	266	186106	88.798	ng		98
71) Phenanthrene	17.53	178	653950	46.371	ng		99
72) Anthracene	17.61	178	668812	48.086	ng		99
73) Carbazole	17.89	167	568488	47.635	ng		98
74) Di-n-butylphthalate	18.42	149	680302	45.864	ng		100
75) Fluoranthene	19.53	202	839529	48.197	ng		99
77) Benzidine	19.71	184	255034	39.708	ng		95
78) Pyrene	19.89	202	847682	48.433	ng		99
80) Butylbenzylphthalate	20.76	149	314095	46.115	ng		95
81) Benzo(a)anthracene	21.74	228	806903	45.023	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	199455	31.641	ng		99
83) Chrysene	21.81	228	788942	46.000	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	436816	45.558	ng		97
85) Di-n-octyl phthalate	22.84	149	731283	45.795	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	727719	34.638	ng		98
88) Benzo(b)fluoranthene	24.02	252	782073	47.571	ng		99
89) Benzo(k)fluoranthene	24.09	252	805261	49.498	ng		100
90) Benzo(a)pyrene	24.93	252	771749	49.203	ng		95
91) Dibenzo(a,h)anthracene	28.97	278	567002	36.178	ng		98
92) Benzo(g,h,i)perylene	30.11	276	552228	36.268	ng		99

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

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