Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061019\
Data File : BG041158.D
Acq On : 10 Jun 2019 10:24
Operator : HP/JU
Sample : PB120413BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB120413BS

Manual Integrations APPROVED
mohammad
6/14/2019 8:39:46 AM

Quant Time: Jun 11 13:53:51 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	42846	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	172817	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	127156	20.00	ng		0.00
64) Phenanthrene-d10	17.49	188	320377	20.00	ng		0.00
76) Chrysene-d12	21.76	240	323247	20.00	ng		0.00
87) Perylene-d12	25.09	264	345560	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	361500	152.14	ng		0.00
7) Phenol-d6	7.26	99	532179	145.02	ng		0.00
23) Nitrobenzene-d5	9.29	82	364294	93.58	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	283769	150.32	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	863458	97.79	ng		0.00
79) Terphenyl-d14	20.08	244	1458175	95.74	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	35985	33.374	ng	#	82
3) Pyridine	3.91	79	104316	32.696	ng		95
4) n-Nitrosodimethylamine	3.83	42	60786	41.052	ng	#	85
6) Aniline	7.43	93	85786	17.514	ng		100
8) 2-Chlorophenol	7.67	128	132628	46.820	ng		94
9) Benzaldehyde	7.24	77	44793	20.462	ng		94
10) Phenol	7.29	94	176308	44.810	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	113075	39.615	ng		99
12) 1,3-Dichlorobenzene	7.99	146	133567	39.478	ng		96
13) 1,4-Dichlorobenzene	8.14	146	135265	39.497	ng		98
14) 1,2-Dichlorobenzene	8.46	146	132822	39.944	ng		99
15) Benzyl Alcohol	8.34	79	144967	42.706	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	179790	38.547	ng		99
17) 2-Methylphenol	8.54	107	124699	43.772	ng		99
18) Hexachloroethane	9.19	117	52090	39.464	ng		96
19) n-Nitroso-di-n-propylamine	8.91	70	112172	39.721	ng		97
20) 3+4-Methylphenols	8.87	107	169454	42.942	ng		98
22) Acetophenone	8.94	105	215748	44.504	ng		97
24) Nitrobenzene	9.33	77	177029	44.624	ng		99
25) Isophorone	9.84	82	322174	43.488	ng		98
26) 2-Nitrophenol	10.04	139	80145	49.005	ng		94
27) 2,4-Dimethylphenol	10.08	122	139057	51.483	ng		93
28) bis(2-Chloroethoxy)methane	10.32	93	173143	43.302	ng		97
29) 2,4-Dichlorophenol	10.57	162	159292	46.441	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	169175	43.357	ng		97
31) Naphthalene	10.98	128	414025	44.621	ng		100
32) Benzoic acid	10.23	122	90404m	43.884	ng		
33) 4-Chloroaniline	11.09	127	44866	10.421	ng		97
34) Hexachlorobutadiene	11.24	225	123372	41.323	ng		98
35) Caprolactam	11.89	113	47995m	42.373	ng		
36) 4-Chloro-3-methylphenol	12.20	107	177438	45.296	ng		97
37) 2-Methylnaphthalene	12.57	142	324145	45.359	ng		99
38) 1-Methylnaphthalene	12.79	142	305191m	45.320	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	233986	45.655	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	279076	99.107	ng		100
43) 2,4,6-Trichlorophenol	13.17	196	154599	46.630	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	160737	45.969	ng		98
46) 1,1'-Biphenyl	13.57	154	437800	46.513	ng		97
47) 2-Chloronaphthalene	13.62	162	364796	45.146	ng		99
48) 2-Nitroaniline	13.83	65	128369	44.283	ng		99
49) Acenaphthylene	14.47	152	560783	46.112	ng		99
50) Dimethylphthalate	14.18	163	473252	43.967	ng		99
51) 2,6-Dinitrotoluene	14.32	165	105867	45.617	ng		97
52) Acenaphthene	14.81	154	326963	44.380	ng		97
53) 3-Nitroaniline	14.65	138	48667	20.971	ng		95
54) 2,4-Dinitrophenol	14.85	184	107610	86.111	ng		96
55) Dibenzofuran	15.14	168	569819	45.966	ng		100
56) 4-Nitrophenol	14.95	139	158583	99.626	ng		97
57) 2,4-Dinitrotoluene	15.10	165	152237	46.438	ng	#	98
58) Fluorene	15.78	166	442893	44.861	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.35	232	163756	47.655	ng		100
60) Diethylphthalate	15.54	149	477179	43.440	ng		100
61) 4-Chlorophenyl-phenylether	15.77	204	287254	44.765	ng		95
62) 4-Nitroaniline	15.82	138	103133	41.978	ng		97
63) Azobenzene	16.06	77	446564	44.728	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	84396	48.952	ng		95
66) n-Nitrosodiphenylamine	15.99	169	408390	45.346	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	183464	42.433	ng		98
68) Hexachlorobenzene	16.77	284	193149	41.953	ng		100
69) Atrazine	16.93	200	171698	49.408	ng		98
70) Pentachlorophenol	17.13	266	217621	87.798	ng		97
71) Phenanthrene	17.53	178	758538	45.454	ng		99
72) Anthracene	17.61	178	775453	47.115	ng		99
73) Carbazole	17.89	167	664440	47.049	ng		99
74) Di-n-butylphthalate	18.42	149	790763	45.052	ng		99
75) Fluoranthene	19.53	202	980420	47.565	ng		100
77) Benzidine	19.71	184	147963	19.188	ng		97
78) Pyrene	19.89	202	983928	46.824	ng		99
80) Butylbenzylphthalate	20.75	149	371364	45.413	ng		98
81) Benzo(a)anthracene	21.74	228	953227	44.300	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	152689	20.175	ng		98
83) Chrysene	21.81	228	939273	45.615	ng		98
84) Bis(2-ethylhexyl)phthalate	21.60	149	522774	45.413	ng		99
85) Di-n-octyl phthalate	22.84	149	888292	46.333	ng		99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1105810	43.840	ng	#	98
88) Benzo(b)fluoranthene	24.02	252	964503	46.018	ng		99
89) Benzo(k)fluoranthene	24.09	252	960659	46.317	ng		99
90) Benzo(a)pyrene	24.93	252	947252	47.370	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	910350	45.561	ng		99
92) Benzo(g,h,i)perylene	30.11	276	892614	45.982	ng		97

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

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