Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060719\
Data File : BG041116.D
Acq On : 8 Jun 2019 2:51
Operator : HP/JU
Sample : PB120423BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120423BS

Manual Integrations APPROVED
mohammad
6/11/2019 8:54:37 AM

Quant Time: Jun 08 18:12:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 08 17:33:39 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	165026	20.00	ng		0.00
21) Naphthalene-d8	10.93	136	697933	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	547667	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	1292329	20.00	ng		0.00
76) Chrysene-d12	21.77	240	1333234	20.00	ng		0.00
87) Perylene-d12	25.10	264	1532500	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1180070	128.94	ng		0.00
7) Phenol-d6	7.27	99	1649669	116.72	ng		0.02
23) Nitrobenzene-d5	9.30	82	1170389	74.45	ng		0.01
42) 2,4,6-Tribromophenol	16.24	330	989424	121.69	ng		0.01
45) 2-Fluorobiphenyl	13.37	172	2576547	67.75	ng		0.00
79) Terphenyl-d14	20.09	244	3629242	57.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	35896	8.644	ng		99
3) Pyridine	3.91	79	99294	8.080	ng		97
4) n-Nitrosodimethylamine	3.83	42	53913	9.453	ng		98
6) Aniline	7.44	93	130269	6.905	ng		97
8) 2-Chlorophenol	7.67	128	106047	9.720	ng		96
9) Benzaldehyde	7.25	77	38292	4.542	ng		95
10) Phenol	7.29	94	142225	9.385	ng		91
11) bis(2-Chloroethyl)ether	7.53	93	99436	9.045	ng		98
12) 1,3-Dichlorobenzene	7.99	146	114699	8.802	ng		96
13) 1,4-Dichlorobenzene	8.14	146	116157	8.806	ng		96
14) 1,2-Dichlorobenzene	8.46	146	109498	8.550	ng		99
15) Benzyl Alcohol	8.35	79	122749	9.388	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	158277	8.811	ng		97
17) 2-Methylphenol	8.54	107	105102	9.579	ng		97
18) Hexachloroethane	9.19	117	45287	8.908	ng		97
19) n-Nitroso-di-n-propylamine	8.92	70	98923	9.095	ng		98
20) 3+4-Methylphenols	8.88	107	142919	9.403	ng		92
22) Acetophenone	8.94	105	190279	9.719	ng		99
24) Nitrobenzene	9.33	77	155843	9.727	ng		97
25) Isophorone	9.84	82	287217	9.600	ng		98
26) 2-Nitrophenol	10.04	139	66502	10.069	ng		93
27) 2,4-Dimethylphenol	10.08	122	118141	10.830	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	148747	9.211	ng		97
29) 2,4-Dichlorophenol	10.57	162	128841	9.301	ng		94
30) 1,2,4-Trichlorobenzene	10.78	180	145559	9.237	ng		99
31) Naphthalene	10.98	128	353463	9.433	ng		99
32) Benzoic acid	10.22	122	69241	14.911	ng	#	88
33) 4-Chloroaniline	11.09	127	67419	3.878	ng		95
34) Hexachlorobutadiene	11.24	225	105293	8.733	ng		96
35) Caprolactam	11.89	113	41273	9.023	ng		96
36) 4-Chloro-3-methylphenol	12.19	107	147221	9.306	ng		98
37) 2-Methylnaphthalene	12.58	142	279526	9.685	ng		99
38) 1-Methylnaphthalene	12.79	142	260233	9.569	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	203197	9.205	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	261126	27.977	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	124888	8.746	ng		98
44) 2,4,5-Trichlorophenol	13.25	196	131522	8.733	ng		97
46) 1,1'-Biphenyl	13.58	154	377426	9.310	ng		99
47) 2-Chloronaphthalene	13.62	162	307822	8.845	ng		98
48) 2-Nitroaniline	13.83	65	102441	8.205	ng		96
49) Acenaphthylene	14.46	152	478878	9.142	ng		100
50) Dimethylphthalate	14.19	163	400481	8.638	ng		100
51) 2,6-Dinitrotoluene	14.32	165	86041	8.608	ng		95
52) Acenaphthene	14.80	154	274607	8.654	ng		98
53) 3-Nitroaniline	14.65	138	54447	5.447	ng	#	94
54) 2,4-Dinitrophenol	14.86	184	106515	31.179	ng		94
55) Dibenzofuran	15.13	168	485995	9.102	ng		99
56) 4-Nitrophenol	14.94	139	126807	18.496	ng		99
57) 2,4-Dinitrotoluene	15.10	165	125321	8.876	ng		94
58) Fluorene	15.78	166	381913	8.982	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	135067m	9.126	ng		
60) Diethylphthalate	15.54	149	398366	8.420	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	237374	8.589	ng		98
62) 4-Nitroaniline	15.81	138	81826	7.733	ng		99
63) Azobenzene	16.06	77	378102	8.793	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	73644	17.321	ng		98
66) n-Nitrosodiphenylamine	15.99	169	334105	9.197	ng		98
67) 4-Bromophenyl-phenylether	16.67	248	153595	8.807	ng		94
68) Hexachlorobenzene	16.78	284	162448	8.747	ng		98
69) Atrazine	16.92	200	138455	9.877	ng		95
70) Pentachlorophenol	17.12	266	182938	21.666	ng		98
71) Phenanthrene	17.52	178	623740	9.266	ng		99
72) Anthracene	17.62	178	644699	9.711	ng		99
73) Carbazole	17.89	167	537152	9.429	ng		98
74) Di-n-butylphthalate	18.42	149	646504	9.131	ng		99
75) Fluoranthene	19.53	202	814465	9.796	ng		98
77) Benzidine	19.71	184	229484	7.215	ng		98
78) Pyrene	19.89	202	815659	9.411	ng		98
80) Butylbenzylphthalate	20.76	149	297903	8.833	ng		100
81) Benzo(a)anthracene	21.74	228	794371	8.951	ng		98
82) 3,3'-Dichlorobenzidine	21.65	252	178496	5.718	ng		99
83) Chrysene	21.81	228	761031	8.961	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	407913	8.591	ng		98
85) Di-n-octyl phthalate	22.85	149	695822	8.800	ng		100
86) Indeno(1,2,3-cd)pyrene	28.90	276	906709	8.715	ng		99
88) Benzo(b)fluoranthene	24.02	252	783295	8.427	ng		98
89) Benzo(k)fluoranthene	24.09	252	763654	8.302	ng		99
90) Benzo(a)pyrene	24.93	252	765908	8.637	ng		99
91) Dibenzo(a,h)anthracene	28.97	278	749699	8.460	ng		99
92) Benzo(g,h,i)perylene	30.11	276	754068	8.759	ng		99

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

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