Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG050219\
Data File : BG040721.D
Acq On : 3 May 2019 00:04
Operator : JU/SJ
Sample : PB119404BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB119404BS

Manual Integrations APPROVED
Sohil
5/3/2019 4:29:25 PM

Quant Time: May 03 07:37:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 24 05:35:33 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	56840	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	242096	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	186281	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	518964	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	530077	20.00	ng		-0.02
87) Perylene-d12	25.16	264	472082	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	516303	160.12	ng		0.00
7) Phenol-d6	7.29	99	746185	150.30	ng		0.00
23) Nitrobenzene-d5	9.32	82	437668	83.53	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	411604	160.75	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	928854	72.01	ng		-0.02
79) Terphenyl-d14	20.11	244	1931779	80.74	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	48740	33.237	ng		95
3) Pyridine	3.95	79	129344	30.430	ng		96
4) n-Nitrosodimethylamine	3.87	42	89365	37.905	ng		95
6) Aniline	7.47	93	201028	30.549	ng		99
8) 2-Chlorophenol	7.70	128	164655	41.820	ng		96
9) Benzaldehyde	7.28	77	88228	26.670	ng		94
10) Phenol	7.31	94	230453	43.181	ng		93
11) bis(2-Chloroethyl)ether	7.56	93	151464	37.847	ng		98
12) 1,3-Dichlorobenzene	8.03	146	161400	37.557	ng		99
13) 1,4-Dichlorobenzene	8.18	146	168610	38.704	ng		97
14) 1,2-Dichlorobenzene	8.50	146	162354	38.644	ng		99
15) Benzyl Alcohol	8.38	79	202421	39.184	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	273282	34.298	ng		98
17) 2-Methylphenol	8.58	107	158040	41.844	ng		97
18) Hexachloroethane	9.24	117	64700	36.205	ng		94
19) n-Nitroso-di-n-propylamine	8.95	70	152679	34.163	ng		98
20) 3+4-Methylphenols	8.91	107	221397	42.079	ng		99
22) Acetophenone	8.98	105	269180	39.985	ng	#	95
24) Nitrobenzene	9.37	77	232125	41.523	ng		97
25) Isophorone	9.88	82	434643	37.242	ng		99
26) 2-Nitrophenol	10.08	139	94356	47.087	ng		96
27) 2,4-Dimethylphenol	10.12	122	178235	47.406	ng		97
28) bis(2-Chloroethoxy)methane	10.36	93	217387	37.125	ng		99
29) 2,4-Dichlorophenol	10.61	162	196110	45.880	ng		95
30) 1,2,4-Trichlorobenzene	10.82	180	198676	41.915	ng		98
31) Naphthalene	11.02	128	508602	39.544	ng		99
32) Benzoic acid	10.25	122	136931	53.201	ng		96
33) 4-Chloroaniline	11.13	127	135616	23.781	ng	#	93
34) Hexachlorobutadiene	11.29	225	139264	39.796	ng		99
35) Caprolactam	11.92	113	73553m	43.585	ng		
36) 4-Chloro-3-methylphenol	12.23	107	240361	44.576	ng		98
37) 2-Methylnaphthalene	12.61	142	389714	40.526	ng		97
38) 1-Methylnaphthalene	12.83	142	373725	39.760	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	264240	38.078	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG042319.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	267006	65.206	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	192255	45.845	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	209375	45.833	ng		97
46) 1,1'-Biphenyl	13.61	154	528084	36.513	ng		99
47) 2-Chloronaphthalene	13.66	162	433119	38.266	ng		99
48) 2-Nitroaniline	13.87	65	190507	47.284	ng		97
49) Acenaphthylene	14.50	152	707036	36.818	ng		99
50) Dimethylphthalate	14.22	163	618309	39.671	ng		100
51) 2,6-Dinitrotoluene	14.35	165	138821	45.637	ng		93
52) Acenaphthene	14.84	154	412704	36.903	ng		95
53) 3-Nitroaniline	14.68	138	107958	34.638	ng	#	97
54) 2,4-Dinitrophenol	14.89	184	154122	88.974	ng	#	87
55) Dibenzofuran	15.18	168	718942	39.249	ng		99
56) 4-Nitrophenol	14.98	139	247601	91.617	ng		94
57) 2,4-Dinitrotoluene	15.14	165	205310	49.671	ng		93
58) Fluorene	15.82	166	588093	39.722	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	225355	49.011	ng		97
60) Diethylphthalate	15.58	149	669204	40.695	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	356857	41.443	ng		98
62) 4-Nitroaniline	15.85	138	161587	46.347	ng		92
63) Azobenzene	16.10	77	639779	37.778	ng		99
65) 4,6-Dinitro-2-methylphenol	15.89	198	113988	45.084	ng		91
66) n-Nitrosodiphenylamine	16.02	169	555578	36.387	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	242450	37.499	ng		95
68) Hexachlorobenzene	16.81	284	253033	37.848	ng		95
69) Atrazine	16.96	200	244013	40.337	ng		100
70) Pentachlorophenol	17.16	266	345615	88.345	ng		98
71) Phenanthrene	17.56	178	1058007	37.850	ng		97
72) Anthracene	17.66	178	1080923	38.471	ng		99
73) Carbazole	17.92	167	979316	38.256	ng		100
74) Di-n-butylphthalate	18.46	149	1175687	38.051	ng		99
75) Fluoranthene	19.56	202	1393311	39.999	ng		100
77) Benzidine	19.74	184	483741	33.330	ng		99
78) Pyrene	19.92	202	1377654	41.467	ng		98
80) Butylbenzylphthalate	20.79	149	551915	42.623	ng		95
81) Benzo(a)anthracene	21.79	228	1332495	39.775	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	387953	32.490	ng		97
83) Chrysene	21.86	228	1311521	41.164	ng		97
84) Bis(2-ethylhexyl)phthalate	21.66	149	753777	40.327	ng		97
85) Di-n-octyl phthalate	22.91	149	1270204	40.351	ng		99
86) Indeno(1,2,3-cd)pyrene	29.02	276	1528763	39.686	ng	#	90
88) Benzo(b)fluoranthene	24.09	252	1396409	48.405	ng		98
89) Benzo(k)fluoranthene	24.16	252	1339560	49.721	ng		97
90) Benzo(a)pyrene	25.01	252	1354946	49.619	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	1261566	45.653	ng		96
92) Benzo(g,h,i)perylene	30.25	276	1257890	45.737	ng		98

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

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