Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
Data File : BG043329.D
Acq On : 24 Oct 2019 13:42
Operator : JU
Sample : PB124233BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB124233BS

Manual Integrations APPROVED
mohammad
10/25/2019 8:07:28 AM

Quant Time: Oct 24 16:55:41 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	29684	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	114859	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	85216	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	207739	20.00	ng		0.00
76) Chrysene-d12	21.66	240	258479	20.00	ng		0.00
87) Perylene-d12	24.86	264	302043	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	196605	121.37	ng		0.00
7) Phenol-d6	7.20	99	265095	113.74	ng		0.00
23) Nitrobenzene-d5	9.18	82	136358	61.20	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	181801	112.11	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	390380	63.30	ng		0.00
79) Terphenyl-d14	20.00	244	866725	62.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	25608	40.566	ng		97
3) Pyridine	3.89	79	56098	35.229	ng		93
4) n-Nitrosodimethylamine	3.80	42	33283	41.421	ng	#	90
6) Aniline	7.35	93	89841	33.462	ng		95
8) 2-Chlorophenol	7.59	128	79267	44.328	ng		97
9) Benzaldehyde	7.16	77	46726	40.795	ng		92
10) Phenol	7.22	94	96253	45.194	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	64973	39.459	ng		96
12) 1,3-Dichlorobenzene	7.91	146	88329	39.425	ng		98
13) 1,4-Dichlorobenzene	8.06	146	88226	38.921	ng		98
14) 1,2-Dichlorobenzene	8.38	146	88430	39.954	ng		93
15) Benzyl Alcohol	8.26	79	68551	41.880	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	92181	38.500	ng		99
17) 2-Methylphenol	8.47	107	67551	43.509	ng		89
18) Hexachloroethane	9.10	117	32567	39.821	ng		89
19) n-Nitroso-di-n-propylamine	8.82	70	58855	39.079	ng		98
20) 3+4-Methylphenols	8.80	107	88310	41.480	ng		90
22) Acetophenone	8.85	105	116166	39.493	ng		98
24) Nitrobenzene	9.22	77	87757	41.349	ng		97
25) Isophorone	9.74	82	162348	39.857	ng		97
26) 2-Nitrophenol	9.94	139	42954	41.922	ng		96
27) 2,4-Dimethylphenol	10.00	122	73878	50.306	ng		96
28) bis(2-Chloroethoxy)methane	10.23	93	88968	39.575	ng	#	95
29) 2,4-Dichlorophenol	10.49	162	83152	44.191	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	92755	39.112	ng		98
31) Naphthalene	10.88	128	244809	41.990	ng		98
32) Benzoic acid	10.14	122	30201	30.904	ng		96
33) 4-Chloroaniline	11.00	127	43692	18.282	ng	#	93
34) Hexachlorobutadiene	11.17	225	66225	37.776	ng		95
35) Caprolactam	11.75	113	26341m	40.647	ng		
36) 4-Chloro-3-methylphenol	12.12	107	90729	44.205	ng		99
37) 2-Methylnaphthalene	12.48	142	188569	42.153	ng		97
38) 1-Methylnaphthalene	12.70	142	175911	41.329	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	120449	38.193	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	155922	94.118	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	78935	42.501	ng		99
44) 2,4,5-Trichlorophenol	13.17	196	86200	45.908	ng		99
46) 1,1'-Biphenyl	13.48	154	251552	38.803	ng		99
47) 2-Chloronaphthalene	13.53	162	196500	39.837	ng		98
48) 2-Nitroaniline	13.73	65	62907	42.671	ng		94
49) Acenaphthylene	14.37	152	325613	42.415	ng		97
50) Dimethylphthalate	14.10	163	269745	40.867	ng		100
51) 2,6-Dinitrotoluene	14.22	165	60403	42.123	ng		99
52) Acenaphthene	14.72	154	193813	41.399	ng		98
53) 3-Nitroaniline	14.56	138	38186	27.582	ng		91
54) 2,4-Dinitrophenol	14.76	184	58736	66.906	ng		90
55) Dibenzofuran	15.05	168	315195	41.517	ng		97
56) 4-Nitrophenol	14.88	139	84788	91.389	ng		96
57) 2,4-Dinitrotoluene	15.01	165	87306	42.603	ng		96
58) Fluorene	15.70	166	263917	41.448	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	89102	44.665	ng	#	99
60) Diethylphthalate	15.46	149	269853	40.689	ng		97
61) 4-Chlorophenyl-phenylether	15.69	204	149871	40.346	ng		98
62) 4-Nitroaniline	15.72	138	58960	41.237	ng		98
63) Azobenzene	15.98	77	228337	42.540	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	50348	41.183	ng		97
66) n-Nitrosodiphenylamine	15.90	169	239822	40.890	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	108162	38.689	ng		98
68) Hexachlorobenzene	16.71	284	122171	38.070	ng		97
69) Atrazine	16.85	200	105904	51.966	ng		95
70) Pentachlorophenol	17.05	266	131920	90.216	ng		94
71) Phenanthrene	17.44	178	438984	41.266	ng		99
72) Anthracene	17.53	178	452046	42.472	ng		100
73) Carbazole	17.80	167	426565	44.257	ng		99
74) Di-n-butylphthalate	18.35	149	505370	43.214	ng		99
75) Fluoranthene	19.45	202	622895	44.915	ng		99
77) Benzidine	19.63	184	346848	66.676	ng		98
78) Pyrene	19.81	202	633966	39.624	ng		98
80) Butylbenzylphthalate	20.69	149	241798	39.890	ng		98
81) Benzo(a)anthracene	21.64	228	681497	42.091	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	183102	29.239	ng		100
83) Chrysene	21.71	228	665188	41.350	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	355123	41.243	ng		100
85) Di-n-octyl phthalate	22.75	149	614481	42.063	ng		100
86) Indeno(1,2,3-cd)pyrene	28.50	276	841533	41.674	ng		99
88) Benzo(b)fluoranthene	23.85	252	695369	40.649	ng		98
89) Benzo(k)fluoranthene	23.91	252	742012	43.086	ng		99
90) Benzo(a)pyrene	24.71	252	665372	40.731	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	714165	42.741	ng		99
92) Benzo(g,h,i)perylene	29.64	276	703200	42.665	ng		98

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

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