Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043033.D
Acq On : 4 Oct 2019 18:17
Operator : JU
Sample : PB123604BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB123604BS

Manual Integrations APPROVED
mohammad
10/9/2019 8:31:46 AM

Quant Time: Oct 05 06:22:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	70481	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	281699	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	207648	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	495962	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	556175	20.00	ng		-0.02
87) Perylene-d12	24.91	264	562517	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	466512	118.12	ng		-0.01
7) Phenol-d6	7.24	99	633895	111.46	ng		0.00
23) Nitrobenzene-d5	9.22	82	373499	64.44	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	398681	111.66	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	942830	65.82	ng		-0.01
79) Terphenyl-d14	20.03	244	1805809	69.19	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	61758	37.506	ng		91
3) Pyridine	3.94	79	151044	32.614	ng		89
4) n-Nitrosodimethylamine	3.85	42	89848	40.343	ng	#	88
6) Aniline	7.39	93	241565	35.186	ng		99
8) 2-Chlorophenol	7.64	128	197292	47.902	ng		98
9) Benzaldehyde	7.20	77	95020	27.341	ng		82
10) Phenol	7.26	94	246010	47.147	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	166674	41.284	ng		92
12) 1,3-Dichlorobenzene	7.95	146	211950	40.340	ng		97
13) 1,4-Dichlorobenzene	8.09	146	215098	41.067	ng		99
14) 1,2-Dichlorobenzene	8.42	146	203985	40.907	ng		94
15) Benzyl Alcohol	8.30	79	190752	44.611	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.59	45	267657	34.521	ng		100
17) 2-Methylphenol	8.51	107	171537	46.983	ng		96
18) Hexachloroethane	9.15	117	78718	39.906	ng		98
19) n-Nitroso-di-n-propylamine	8.87	70	154601	41.399	ng		92
20) 3+4-Methylphenols	8.83	107	231106	46.190	ng		98
22) Acetophenone	8.88	105	290918	40.064	ng	#	98
24) Nitrobenzene	9.26	77	229142	41.450	ng		95
25) Isophorone	9.79	82	423000	41.551	ng		100
26) 2-Nitrophenol	9.97	139	112493	47.801	ng		94
27) 2,4-Dimethylphenol	10.04	122	194677	53.866	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	240565	41.649	ng		99
29) 2,4-Dichlorophenol	10.51	162	212524	47.282	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	234646	40.425	ng		95
31) Naphthalene	10.91	128	594644	42.882	ng		98
32) Benzoic acid	10.20	122	134124	47.729	ng		96
33) 4-Chloroaniline	11.02	127	192666	32.019	ng		98
34) Hexachlorobutadiene	11.20	225	168576	38.788	ng		98
35) Caprolactam	11.80	113	68628m	43.296	ng		
36) 4-Chloro-3-methylphenol	12.15	107	226359	46.317	ng		94
37) 2-Methylnaphthalene	12.52	142	459060	43.394	ng		97
38) 1-Methylnaphthalene	12.74	142	428572	42.814	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	303230	38.839	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	382833	76.959	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	204278	44.703	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	216808	46.056	ng		97
46) 1,1'-Biphenyl	13.52	154	616960	39.180	ng		98
47) 2-Chloronaphthalene	13.56	162	487904	41.326	ng		98
48) 2-Nitroaniline	13.76	65	161237	41.068	ng		93
49) Acenaphthylene	14.40	152	776533	42.985	ng		99
50) Dimethylphthalate	14.14	163	642787	41.315	ng		99
51) 2,6-Dinitrotoluene	14.25	165	148339	44.771	ng		91
52) Acenaphthene	14.75	154	479555	39.659	ng		99
53) 3-Nitroaniline	14.59	138	118719	34.672	ng		100
54) 2,4-Dinitrophenol	14.79	184	185249	89.950	ng		95
55) Dibenzofuran	15.08	168	749711	41.913	ng		99
56) 4-Nitrophenol	14.90	139	241022	92.384	ng		98
57) 2,4-Dinitrotoluene	15.04	165	209439	43.166	ng		97
58) Fluorene	15.73	166	636709	41.693	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216449	43.184	ng		99
60) Diethylphthalate	15.50	149	647098	40.868	ng		98
61) 4-Chlorophenyl-phenylether	15.72	204	368181	40.199	ng		99
62) 4-Nitroaniline	15.75	138	153186	41.021	ng		92
63) Azobenzene	16.01	77	571241	39.627	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	133366	47.521	ng		92
66) n-Nitrosodiphenylamine	15.93	169	572152	43.700	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	261477	42.006	ng		96
68) Hexachlorobenzene	16.74	284	284776	41.088	ng		97
69) Atrazine	16.88	200	220877	40.063	ng		96
70) Pentachlorophenol	17.08	266	378933	94.750	ng		97
71) Phenanthrene	17.46	178	1016854	41.996	ng		98
72) Anthracene	17.56	178	1037971	42.941	ng		99
73) Carbazole	17.83	167	961533	42.896	ng		99
74) Di-n-butylphthalate	18.38	149	1103603	41.265	ng		99
75) Fluoranthene	19.47	202	1355346	42.320	ng		99
77) Benzidine	19.65	184	416816	29.931	ng		99
78) Pyrene	19.83	202	1370020	41.271	ng		99
80) Butylbenzylphthalate	20.72	149	537889	42.688	ng		97
81) Benzo(a)anthracene	21.67	228	1420150	40.980	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	553290	40.707	ng		99
83) Chrysene	21.74	228	1395982	41.510	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	766054	42.726	ng		98
85) Di-n-octyl phthalate	22.79	149	1296831	44.232	ng		97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1825443	43.602	ng	#	95
88) Benzo(b)fluoranthene	23.89	252	1548718	48.658	ng		97
89) Benzo(k)fluoranthene	23.96	252	1518895	48.238	ng		99
90) Benzo(a)pyrene	24.77	252	1513175	50.390	ng		99
91) Dibenzo(a,h)anthracene	28.65	278	1575508	51.165	ng		100
92) Benzo(g,h,i)perylene	29.74	276	1539927	51.614	ng		98

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

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