Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012119\
Data File : BG039244.D
Acq On : 21 Jan 2019 21:57
Operator : JU/SJ
Sample : PB116524BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jan 22 00:20:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB116524BS

Manual Integrations APPROVED
Sohil
1/22/2019 10:00:24 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	13718	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	58363	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	41632	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	111296	20.00	ng		0.00
76) Chrysene-d12	21.67	240	116458	20.00	ng		0.00
87) Perylene-d12	24.93	264	123711	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	88492	122.37	ng		0.00
7) Phenol-d6	7.17	99	123653	118.82	ng		0.00
23) Nitrobenzene-d5	9.19	82	86272	80.89	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	73616	105.49	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	205928	67.69	ng		0.00
79) Terphenyl-d14	20.00	244	440191	69.92	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	7749	27.364	ng	#	85
3) Pyridine	3.84	79	20982	27.268	ng		95
4) n-Nitrosodimethylamine	3.76	42	13902	40.149	ng		86
6) Aniline	7.34	93	18632	14.907	ng		99
8) 2-Chlorophenol	7.57	128	31784	37.286	ng		97
9) Benzaldehyde	7.15	77	11568	19.274	ng		98
10) Phenol	7.20	94	38966	37.346	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	25565	32.058	ng		98
12) 1,3-Dichlorobenzene	7.89	146	31596	30.936	ng		98
13) 1,4-Dichlorobenzene	8.04	146	33329	32.221	ng		98
14) 1,2-Dichlorobenzene	8.36	146	31782	32.226	ng		97
15) Benzyl Alcohol	8.25	79	27499	35.087	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	53540	35.013	ng		98
17) 2-Methylphenol	8.45	107	27189	37.528	ng		96
18) Hexachloroethane	9.08	117	12336	35.104	ng		93
19) n-Nitroso-di-n-propylamine	8.81	70	23192	33.936	ng	#	91
20) 3+4-Methylphenols	8.78	107	41655	40.326	ng		98
22) Acetophenone	8.84	105	48655	31.923	ng	#	99
24) Nitrobenzene	9.23	77	41119	38.141	ng		100
25) Isophorone	9.74	82	65539	35.672	ng		99
26) 2-Nitrophenol	9.94	139	24846	42.608	ng		96
27) 2,4-Dimethylphenol	9.99	122	40405	49.251	ng		96
28) bis(2-Chloroethoxy)methane	10.22	93	41015	37.145	ng		99
29) 2,4-Dichlorophenol	10.47	162	39558	38.814	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	39565	32.309	ng		96
31) Naphthalene	10.87	128	96623	33.009	ng		98
32) Benzoic acid	10.18	122	743m	10.630	ng		
33) 4-Chloroaniline	11.00	127	15167	11.580	ng		96
34) Hexachlorobutadiene	11.13	225	26299	31.211	ng		98
35) Caprolactam	11.77	113	12486	30.551	ng		93
36) 4-Chloro-3-methylphenol	12.11	107	36990	33.933	ng		93
37) 2-Methylnaphthalene	12.48	142	75046	34.196	ng		99
38) 1-Methylnaphthalene	12.69	142	71965	34.164	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	49900	31.915	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	49600	58.023	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	33917	34.467	ng		96
44) 2,4,5-Trichlorophenol	13.16	196	37608	36.160	ng		98
46) 1,1'-Biphenyl	13.48	154	103163	31.273	ng		97
47) 2-Chloronaphthalene	13.53	162	84451	31.635	ng		99
48) 2-Nitroaniline	13.75	65	25495	34.090	ng		95
49) Acenaphthylene	14.37	152	136912	34.122	ng		99
50) Dimethylphthalate	14.10	163	114877	32.653	ng		99
51) 2,6-Dinitrotoluene	14.23	165	26132	33.223	ng		98
52) Acenaphthene	14.71	154	78564	32.589	ng		98
53) 3-Nitroaniline	14.57	138	14587	18.281	ng	#	91
54) 2,4-Dinitrophenol	14.79	184	1737	8.832	ng	#	91
55) Dibenzofuran	15.04	168	139023	32.652	ng		100
56) 4-Nitrophenol	14.88	139	35787	62.334	ng		99
57) 2,4-Dinitrotoluene	15.02	165	37764	33.465	ng		97
58) Fluorene	15.70	166	114767	35.810	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.27	232	34558	35.200	ng		100
60) Diethylphthalate	15.45	149	120900	33.354	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	67945	33.651	ng		98
62) 4-Nitroaniline	15.73	138	27913	33.581	ng		93
63) Azobenzene	15.97	77	91901	32.421	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	5506	6.678	ng		89
66) n-Nitrosodiphenylamine	15.90	169	103884	31.486	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	43540	30.434	ng		98
68) Hexachlorobenzene	16.70	284	47696	30.552	ng		94
69) Atrazine	16.84	200	44866	32.010	ng		93
70) Pentachlorophenol	17.05	266	23035	27.950	ng		97
71) Phenanthrene	17.44	178	202800	34.474	ng		99
72) Anthracene	17.53	178	203431	34.975	ng		100
73) Carbazole	17.81	167	179658	31.289	ng		100
74) Di-n-butylphthalate	18.33	149	224855	35.201	ng		99
75) Fluoranthene	19.45	202	286349	39.265	ng		99
77) Benzidine	19.64	184	44941	12.617	ng		97
78) Pyrene	19.82	202	267929	36.101	ng		98
80) Butylbenzylphthalate	20.68	149	94887	33.615	ng		99
81) Benzo(a)anthracene	21.65	228	251969	35.542	ng		98
82) 3,3'-Dichlorobenzidine	21.57	252	45911	15.894	ng		99
83) Chrysene	21.72	228	232237	34.443	ng		100
84) Bis(2-ethylhexyl)phthalate	21.52	149	132532	33.814	ng		95
85) Di-n-octyl phthalate	22.72	149	232365	35.061	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	293859	36.474	ng		99
88) Benzo(b)fluoranthene	23.89	252	251297	36.839	ng		99
89) Benzo(k)fluoranthene	23.96	252	247631	36.716	ng		99
90) Benzo(a)pyrene	24.77	252	246184	37.338	ng		97
91) Dibenzo(a,h)anthracene	28.71	278	244231	37.240	ng	#	98
92) Benzo(g,h,i)perylene	29.83	276	245170	37.761	ng		97

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

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