Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051119\
Data File : BG040874.D
Acq On : 11 May 2019 15:25
Operator : HP/JU
Sample : PB119647BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 12 05:30:05 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

Instrument :
BNA_G
ClientSampleId :
PB119647BS

Manual Integrations APPROVED
Sohil
5/14/2019 8:01:37 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	56967	20.00	ng		-0.02
21) Naphthalene-d8	10.95	136	229301	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	172219	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	439702	20.00	ng		-0.03
76) Chrysene-d12	21.79	240	453795	20.00	ng		-0.03
87) Perylene-d12	25.14	264	421066	20.00	ng		-0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	472325	146.15	ng		-0.02
7) Phenol-d6	7.28	99	675196	135.69	ng		-0.02
23) Nitrobenzene-d5	9.31	82	398514	80.30	ng		-0.03
42) 2,4,6-Tribromophenol	16.25	330	372707	157.45	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	915695	76.79	ng		-0.03
79) Terphenyl-d14	20.10	244	1701415	83.06	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	46757	31.814	ng		94
3) Pyridine	3.94	79	118105	27.724	ng		92
4) n-Nitrosodimethylamine	3.86	42	77031	32.600	ng		94
6) Aniline	7.45	93	192924	29.252	ng		99
8) 2-Chlorophenol	7.69	128	152459	38.636	ng		99
9) Benzaldehyde	7.27	77	82243	24.227	ng		99
10) Phenol	7.31	94	213261	39.871	ng		99
11) bis(2-Chloroethyl)ether	7.55	93	139083	34.676	ng		96
12) 1,3-Dichlorobenzene	8.02	146	156126	36.249	ng		96
13) 1,4-Dichlorobenzene	8.17	146	159636	36.562	ng		99
14) 1,2-Dichlorobenzene	8.49	146	152611	36.244	ng		91
15) Benzyl Alcohol	8.37	79	181083	34.975	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.65	45	231356	28.972	ng		96
17) 2-Methylphenol	8.56	107	146781	38.777	ng		96
18) Hexachloroethane	9.22	117	59616	33.286	ng		95
19) n-Nitroso-di-n-propylamine	8.94	70	139854	31.223	ng		95
20) 3+4-Methylphenols	8.89	107	203798	38.648	ng		100
22) Acetophenone	8.96	105	253489	39.755	ng	#	95
24) Nitrobenzene	9.36	77	214012	40.419	ng		95
25) Isophorone	9.87	82	406457	36.770	ng		99
26) 2-Nitrophenol	10.07	139	91471	48.195	ng		98
27) 2,4-Dimethylphenol	10.11	122	168701	47.374	ng		98
28) bis(2-Chloroethoxy)methane	10.35	93	209864	37.840	ng		98
29) 2,4-Dichlorophenol	10.59	162	184519	45.578	ng		97
30) 1,2,4-Trichlorobenzene	10.81	180	191403	42.633	ng		99
31) Naphthalene	11.01	128	481474	39.523	ng		99
32) Benzoic acid	10.24	122	111367	45.683	ng		97
33) 4-Chloroaniline	11.12	127	134921	24.980	ng		94
34) Hexachlorobutadiene	11.27	225	138311	41.730	ng		99
35) Caprolactam	11.91	113	62433m	39.060	ng		
36) 4-Chloro-3-methylphenol	12.21	107	214052	41.912	ng		100
37) 2-Methylnaphthalene	12.60	142	372678	40.917	ng		99
38) 1-Methylnaphthalene	12.82	142	350383	39.356	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	260138	40.548	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	331025	87.440	ng		100
43) 2,4,6-Trichlorophenol	13.19	196	181154	46.725	ng		99
44) 2,4,5-Trichlorophenol	13.27	196	190700	45.153	ng		94
46) 1,1'-Biphenyl	13.60	154	504083	37.699	ng		97
47) 2-Chloronaphthalene	13.65	162	417126	39.862	ng		95
48) 2-Nitroaniline	13.85	65	156842	42.107	ng		97
49) Acenaphthylene	14.49	152	647050	36.446	ng		98
50) Dimethylphthalate	14.22	163	577069	40.049	ng		99
51) 2,6-Dinitrotoluene	14.34	165	127196	45.229	ng	#	83
52) Acenaphthene	14.83	154	389991	37.720	ng		96
53) 3-Nitroaniline	14.67	138	89413	31.030	ng	#	96
54) 2,4-Dinitrophenol	14.88	184	183620	112.633	ng		93
55) Dibenzofuran	15.16	168	666317	39.346	ng		99
56) 4-Nitrophenol	14.97	139	207623	83.098	ng		89
57) 2,4-Dinitrotoluene	15.13	165	178154	46.620	ng	#	90
58) Fluorene	15.81	166	523323	38.233	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	201997	47.518	ng		94
60) Diethylphthalate	15.57	149	579472	38.116	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	331731	41.670	ng		98
62) 4-Nitroaniline	15.84	138	128225	39.781	ng		93
63) Azobenzene	16.09	77	543078	34.687	ng		96
65) 4,6-Dinitro-2-methylphenol	15.88	198	113220	51.629	ng		87
66) n-Nitrosodiphenylamine	16.01	169	492899	38.101	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	218809	39.943	ng		93
68) Hexachlorobenzene	16.80	284	229561	40.527	ng		96
69) Atrazine	16.95	200	210955	41.159	ng		95
70) Pentachlorophenol	17.15	266	305899	92.288	ng		97
71) Phenanthrene	17.55	178	897293	37.887	ng		97
72) Anthracene	17.64	178	915371	38.452	ng		99
73) Carbazole	17.91	167	813001	37.485	ng		98
74) Di-n-butylphthalate	18.45	149	961406	36.725	ng		99
75) Fluoranthene	19.55	202	1174598	39.799	ng		99
77) Benzidine	19.73	184	351746	28.309	ng		98
78) Pyrene	19.91	202	1182235	41.567	ng		99
80) Butylbenzylphthalate	20.78	149	451877	40.764	ng		90
81) Benzo(a)anthracene	21.77	228	1143841	39.883	ng		99
82) 3,3'-Dichlorobenzidine	21.68	252	377004	36.880	ng		97
83) Chrysene	21.84	228	1128651	41.379	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	629073	39.313	ng		95
85) Di-n-octyl phthalate	22.89	149	1075095	39.894	ng		95
86) Indeno(1,2,3-cd)pyrene	28.99	276	1381587	41.895	ng	#	91
88) Benzo(b)fluoranthene	24.07	252	1191619m	46.311	ng		
89) Benzo(k)fluoranthene	24.14	252	1143361	47.581	ng		98
90) Benzo(a)pyrene	24.98	252	1149429	47.192	ng		98
91) Dibenzo(a,h)anthracene	29.06	278	1145753	46.485	ng		96
92) Benzo(g,h,i)perylene	30.21	276	1152940	47.001	ng		98

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

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