Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021020\
Data File : BG044371.D
Acq On : 11 Feb 2020 2:33
Operator : CG/JU
Sample : PB126703BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126703BSD

Manual Integrations APPROVED
mohammad
2/12/2020 9:49:52 AM

Quant Time: Feb 11 03:23:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	66669	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	310628	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	219486	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	492804	20.00	ng		0.00
76) Chrysene-d12	21.53	240	457244	20.00	ng		0.00
87) Perylene-d12	24.62	264	491190	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	160679	42.53	ng		0.00
7) Phenol-d6	7.07	99	133188	26.26	ng		0.00
23) Nitrobenzene-d5	9.06	82	545395	99.12	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	276114	107.16	ng		0.00
45) 2-Fluorobiphenyl	13.17	172	1301082	99.27	ng		0.00
79) Terphenyl-d14	19.90	244	1937291	87.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	28321	16.686	ng		95
3) Pyridine	3.76	79	68834	15.222	ng		99
4) n-Nitrosodimethylamine	3.67	42	36667	19.405	ng		99
6) Aniline	7.22	93	222341	35.311	ng		99
8) 2-Chlorophenol	7.47	128	196294	47.280	ng		99
9) Benzaldehyde	7.03	77	131625	45.559	ng		98
10) Phenol	7.10	94	73398	14.620	ng		96
11) bis(2-Chloroethyl)ether	7.32	93	233971	54.513	ng		96
12) 1,3-Dichlorobenzene	7.79	146	208517	42.065	ng		97
13) 1,4-Dichlorobenzene	7.94	146	215003	43.793	ng		99
14) 1,2-Dichlorobenzene	8.26	146	207895	44.800	ng		98
15) Benzyl Alcohol	8.14	79	125208	34.863	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.43	45	305913	52.660	ng		100
17) 2-Methylphenol	8.35	107	133174	37.180	ng		95
18) Hexachloroethane	8.99	117	72773	39.500	ng		97
19) n-Nitroso-di-n-propylamine	8.71	70	203336	60.145	ng		98
20) 3+4-Methylphenols	8.68	107	166823	33.794	ng		97
22) Acetophenone	8.72	105	378709	50.116	ng	#	99
24) Nitrobenzene	9.10	77	279401	52.016	ng		100
25) Isophorone	9.63	82	575039	56.073	ng		99
26) 2-Nitrophenol	9.82	139	149298	53.566	ng		99
27) 2,4-Dimethylphenol	9.88	122	212654	54.050	ng		99
28) bis(2-Chloroethoxy)methane	10.11	93	354992	51.890	ng		99
29) 2,4-Dichlorophenol	10.35	162	248505	52.236	ng		98
30) 1,2,4-Trichlorobenzene	10.57	180	236522	43.359	ng		98
31) Naphthalene	10.75	128	744986	49.433	ng		99
32) Benzoic acid	10.02	122	5287m	15.609	ng		
33) 4-Chloroaniline	10.86	127	244350	35.650	ng		98
34) Hexachlorobutadiene	11.05	225	125285	37.325	ng		98
35) Caprolactam	11.63	113	13759	7.895	ng		95
36) 4-Chloro-3-methylphenol	11.99	107	250054	50.133	ng		99
37) 2-Methylnaphthalene	12.36	142	596036	53.267	ng		100
38) 1-Methylnaphthalene	12.59	142	569163	53.952	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	300255	45.732	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.72	237	279643	88.766	ng	100
43) 2,4,6-Trichlorophenol	12.97	196	221058	52.090	ng	100
44) 2,4,5-Trichlorophenol	13.05	196	238641	55.055	ng	97
46) 1,1'-Biphenyl	13.38	154	790283	49.918	ng	99
47) 2-Chloronaphthalene	13.42	162	614535	48.780	ng	99
48) 2-Nitroaniline	13.62	65	196371	52.817	ng	96
49) Acenaphthylene	14.27	152	1004850	54.381	ng	100
50) Dimethylphthalate	14.00	163	845782	53.608	ng	100
51) 2,6-Dinitrotoluene	14.11	165	196447	55.844	ng	99
52) Acenaphthene	14.61	154	629319	52.544	ng	98
53) 3-Nitroaniline	14.44	138	141499	36.357	ng	99
54) 2,4-Dinitrophenol	14.65	184	204864	96.540	ng	99
55) Dibenzofuran	14.94	168	979488	54.015	ng	100
56) 4-Nitrophenol	14.76	139	94314	33.083	ng	98
57) 2,4-Dinitrotoluene	14.91	165	280124	56.815	ng	97
58) Fluorene	15.59	166	782703	54.801	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.17	232	225400	57.569	ng	98
60) Diethylphthalate	15.36	149	859061	54.645	ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	420474	54.296	ng	100
62) 4-Nitroaniline	15.61	138	189725	48.786	ng	98
63) Azobenzene	15.88	77	760712	55.211	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	163551	60.123	ng	99
66) n-Nitrosodiphenylamine	15.80	169	742289	53.748	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	282887	52.689	ng	97
68) Hexachlorobenzene	16.60	284	308220	51.241	ng	99
69) Atrazine	16.75	200	291758	61.636	ng	99
70) Pentachlorophenol	16.95	266	325679	106.006	ng	98
71) Phenanthrene	17.33	178	1273821	53.380	ng	99
72) Anthracene	17.42	178	1312767	55.643	ng	99
73) Carbazole	17.69	167	1184836	54.476	ng	99
74) Di-n-butylphthalate	18.26	149	1431088	53.245	ng	99
75) Fluoranthene	19.34	202	1492156	54.053	ng	99
77) Benzidine	19.52	184	826373	65.157	ng	100
78) Pyrene	19.70	202	1484467	50.553	ng	99
80) Butylbenzylphthalate	20.59	149	659379	49.275	ng	99
81) Benzo(a)anthracene	21.52	228	1424931	50.565	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	459963	42.055	ng	100
83) Chrysene	21.58	228	1370208	50.303	ng	98
84) Bis(2-ethylhexyl)phthalate	21.43	149	901451	48.942	ng	100
85) Di-n-octyl phthalate	22.60	149	1597121	50.116	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1816901	51.127	ng	100
88) Benzo(b)fluoranthene	23.64	252	1542887	54.511	ng	100
89) Benzo(k)fluoranthene	23.71	252	1486339	53.880	ng	100
90) Benzo(a)pyrene	24.48	252	1411975	52.762	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1480157	55.887	ng	98
92) Benzo(g,h,i)perylene	29.21	276	1518074	57.258	ng	98

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

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