Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021220\
Data File : BG044416.D
Acq On : 12 Feb 2020 19:47
Operator : CG/JU
Sample : L1491-08MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-2I-(13.5-15.5)MS

Manual Integrations APPROVED
mohammad
2/13/2020 3:33:55 PM

Quant Time: Feb 13 02:55:51 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	84813	20.00	ng	0.00
21) Naphthalene-d8	10.70	136	348341	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	219622	20.00	ng	0.00
64) Phenanthrene-d10	17.28	188	479372	20.00	ng	0.00
76) Chrysene-d12	21.53	240	455431	20.00	ng	0.00
87) Perylene-d12	24.62	264	488650	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	521335	108.48	ng	0.00
7) Phenol-d6	7.08	99	678195	105.09	ng	0.00
23) Nitrobenzene-d5	9.06	82	407751	66.08	ng	0.00
42) 2,4,6-Tribromophenol	16.03	330	259165	100.52	ng	0.00
45) 2-Fluorobiphenyl	13.16	172	889022	67.79	ng	0.00
79) Terphenyl-d14	19.90	244	1384797	62.54	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	87901	40.710	ng	99
3) Pyridine	3.76	79	219259	38.115	ng	97
4) n-Nitrosodimethylamine	3.68	42	117195	48.754	ng	98
6) Aniline	7.22	93	244453	30.517	ng	100
8) 2-Chlorophenol	7.47	128	282339	53.457	ng	98
9) Benzaldehyde	7.04	77	120677	32.834	ng	98
10) Phenol	7.11	94	347181	54.360	ng	98
11) bis(2-Chloroethyl)ether	7.32	93	255217	46.742	ng	97
12) 1,3-Dichlorobenzene	7.79	146	292990	46.462	ng	98
13) 1,4-Dichlorobenzene	7.94	146	292710	46.866	ng	99
14) 1,2-Dichlorobenzene	8.26	146	278292	47.141	ng	99
15) Benzyl Alcohol	8.14	79	227292	49.749	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	338182	45.761	ng	99
17) 2-Methylphenol	8.35	107	233944	51.340	ng	96
18) Hexachloroethane	8.99	117	107631	45.923	ng	99
19) n-Nitroso-di-n-propylamine	8.71	70	197125	45.834	ng	97
20) 3+4-Methylphenols	8.68	107	317801	50.606	ng	100
22) Acetophenone	8.72	105	376557	44.436	ng	99
24) Nitrobenzene	9.10	77	285014	47.316	ng	97
25) Isophorone	9.63	82	536460	46.648	ng	99
26) 2-Nitrophenol	9.82	139	156363	50.027	ng	98
27) 2,4-Dimethylphenol	9.88	122	259628	58.845	ng	99
28) bis(2-Chloroethoxy)methane	10.11	93	345688	45.060	ng	100
29) 2,4-Dichlorophenol	10.36	162	264884	49.651	ng	99
30) 1,2,4-Trichlorobenzene	10.57	180	280171	45.800	ng	99
31) Naphthalene	10.76	128	802550	47.487	ng	100
32) Benzoic acid	10.06	122	93423	36.827	ng	92
33) 4-Chloroaniline	10.86	127	113342	14.746	ng	97
34) Hexachlorobutadiene	11.05	225	167695	44.551	ng	98
35) Caprolactam	11.63	113	96377m	49.316	ng	
36) 4-Chloro-3-methylphenol	12.00	107	278974	49.876	ng	99
37) 2-Methylnaphthalene	12.37	142	585566	46.665	ng	99
38) 1-Methylnaphthalene	12.58	142	560659	47.392	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	292232	44.482	ng	99

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Quant Time: Feb 13 02:55:51 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)
41) Hexachlorocyclopentadiene	12.72	237	322186	102.207	ng	100
43) 2,4,6-Trichlorophenol	12.98	196	206219	48.563	ng	99
44) 2,4,5-Trichlorophenol	13.05	196	218533	50.385	ng	99
46) 1,1'-Biphenyl	13.38	154	737346	46.545	ng	99
47) 2-Chloronaphthalene	13.42	162	580067	46.015	ng	99
48) 2-Nitroaniline	13.62	65	170777	45.905	ng	98
49) Acenaphthylene	14.26	152	911520	49.299	ng	99
50) Dimethylphthalate	14.00	163	770410	48.800	ng	99
51) 2,6-Dinitrotoluene	14.11	165	167569	47.605	ng	98
52) Acenaphthene	14.60	154	556988	46.476	ng	98
53) 3-Nitroaniline	14.45	138	92367	23.718	ng	94
54) 2,4-Dinitrophenol	14.65	184	165540	79.428	ng	97
55) Dibenzofuran	14.94	168	868436	47.861	ng	100
56) 4-Nitrophenol	14.77	139	307601	107.831	ng	99
57) 2,4-Dinitrotoluene	14.90	165	237836	48.208	ng	99
58) Fluorene	15.59	166	692910	48.484	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.17	232	198985	50.791	ng	99
60) Diethylphthalate	15.37	149	738111	46.922	ng	99
61) 4-Chlorophenyl-phenylether	15.59	204	367898	47.477	ng	99
62) 4-Nitroaniline	15.61	138	173616	44.616	ng	98
63) Azobenzene	15.88	77	667169	48.392	ng	98
65) 4,6-Dinitro-2-methylphenol	15.67	198	137394	51.923	ng	99
66) n-Nitrosodiphenylamine	15.80	169	650866	48.449	ng	98
67) 4-Bromophenyl-phenylether	16.48	248	242832	46.496	ng	98
68) Hexachlorobenzene	16.60	284	266479	45.543	ng	100
69) Atrazine	16.75	200	250891	54.487	ng	100
70) Pentachlorophenol	16.95	266	270329	90.917	ng	97
71) Phenanthrene	17.33	178	1114775	48.024	ng	100
72) Anthracene	17.42	178	1149149	50.073	ng	100
73) Carbazole	17.69	167	1043184	49.307	ng	99
74) Di-n-butylphthalate	18.25	149	1278173	48.888	ng	100
75) Fluoranthene	19.34	202	1335567	49.736	ng	99
77) Benzidine	19.52	184	561784	44.471	ng	98
78) Pyrene	19.70	202	1329914	45.470	ng	99
80) Butylbenzylphthalate	20.59	149	597897	44.858	ng	99
81) Benzo(a)anthracene	21.51	228	1273174	45.359	ng	99
82) 3,3'-Dichlorobenzidine	21.43	252	237576	21.809	ng	99
83) Chrysene	21.58	228	1231474	45.390	ng	100
84) Bis(2-ethylhexyl)phthalate	21.44	149	842945	45.948	ng	100
85) Di-n-octyl phthalate	22.60	149	1463035	46.091	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1600273	45.210	ng	100
88) Benzo(b)fluoranthene	23.65	252	1356696	48.182	ng	100
89) Benzo(k)fluoranthene	23.71	252	1339900	48.824	ng	100
90) Benzo(a)pyrene	24.48	252	1271296	47.752	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1306771	49.597	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1338362	50.742	ng	98

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

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