Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022020\
Data File : BG044533.D
Acq On : 20 Feb 2020 23:11
Operator : CG/JU
Sample : L1595-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : FK-BPM-01-C2-C3-C2A-C3AMSD

Manual Integrations APPROVED
mohammad
2/21/2020 2:17:55 PM

Quant Time: Feb 21 07:36:00 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	7.88	152	56871	20.00	ng	-0.02
21) Naphthalene-d8	10.68	136	241477	20.00	ng	-0.02
39) Acenaphthene-d10	14.52	164	159588	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	359087	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	365891	20.00	ng	-0.02
87) Perylene-d12	24.58	264	400692	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	335159	104.01	ng	-0.02
7) Phenol-d6	7.05	99	451680	104.38	ng	-0.02
23) Nitrobenzene-d5	9.03	82	259585	60.69	ng	-0.03
42) 2,4,6-Tribromophenol	16.01	330	184101	98.27	ng	-0.02
45) 2-Fluorobiphenyl	13.14	172	606406	63.63	ng	-0.02
79) Terphenyl-d14	19.88	244	1004899	56.49	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	60761	41.967	ng	99
3) Pyridine	3.73	79	148209	38.423	ng	99
4) n-Nitrosodimethylamine	3.65	42	73044	45.316	ng	96
6) Aniline	7.20	93	120486	22.432	ng	99
8) 2-Chlorophenol	7.45	128	194005	54.780	ng	98
9) Benzaldehyde	7.01	77	73989	30.022	ng	99
10) Phenol	7.08	94	235903	55.085	ng	98
11) bis(2-Chloroethyl)ether	7.30	93	169366	46.259	ng	98
12) 1,3-Dichlorobenzene	7.77	146	197452	46.696	ng	97
13) 1,4-Dichlorobenzene	7.92	146	197067	47.055	ng	98
14) 1,2-Dichlorobenzene	8.23	146	186102	47.013	ng	100
15) Benzyl Alcohol	8.12	79	153490	50.101	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.41	45	217813	43.954	ng	99
17) 2-Methylphenol	8.33	107	162451	53.167	ng	99
18) Hexachloroethane	8.96	117	71194	45.301	ng	98
19) n-Nitroso-di-n-propylamine	8.69	70	131948	45.753	ng	99
20) 3+4-Methylphenols	8.66	107	218580	51.907	ng	99
22) Acetophenone	8.70	105	252404	42.967	ng	98
24) Nitrobenzene	9.08	77	189810	45.456	ng	99
25) Isophorone	9.60	82	365090	45.795	ng	100
26) 2-Nitrophenol	9.79	139	107464	49.598	ng	99
27) 2,4-Dimethylphenol	9.86	122	179928	58.829	ng	99
28) bis(2-Chloroethoxy)methane	10.09	93	230836	43.405	ng	99
29) 2,4-Dichlorophenol	10.34	162	185830	50.248	ng	99
30) 1,2,4-Trichlorobenzene	10.55	180	187861	44.301	ng	100
31) Naphthalene	10.73	128	548846	46.847	ng	100
32) Benzoic acid	10.03	122	52659	32.593	ng	90
33) 4-Chloroaniline	10.84	127	72234	13.557	ng	97
34) Hexachlorobutadiene	11.03	225	112781	43.222	ng	98
35) Caprolactam	11.61	113	70283m	51.879	ng	
36) 4-Chloro-3-methylphenol	11.98	107	194691	50.211	ng	99
37) 2-Methylnaphthalene	12.34	142	406203	46.697	ng	98
38) 1-Methylnaphthalene	12.56	142	391438	47.731	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	205325	43.011	ng	98

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Quant Time: Feb 21 07:36:00 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	12.70	237	205941	89.907 ng	98
43) 2,4,6-Trichlorophenol	12.96	196	147236	47.716 ng	98
44) 2,4,5-Trichlorophenol	13.04	196	158922	50.424 ng	99
46) 1,1'-Biphenyl	13.35	154	522882	45.424 ng	98
47) 2-Chloronaphthalene	13.39	162	409761	44.733 ng	98
48) 2-Nitroaniline	13.59	65	118133	43.699 ng	99
49) Acenaphthylene	14.25	152	651989	48.528 ng	98
50) Dimethylphthalate	13.98	163	553404	48.241 ng	99
51) 2,6-Dinitrotoluene	14.09	165	119293	46.639 ng	100
52) Acenaphthene	14.59	154	391914	45.004 ng	98
53) 3-Nitroaniline	14.42	138	50375	17.802 ng	100
54) 2,4-Dinitrophenol	14.64	184	103941	69.669 ng	97
55) Dibenzofuran	14.92	168	624337	47.352 ng	98
56) 4-Nitrophenol	14.75	139	214163	103.318 ng	99
57) 2,4-Dinitrotoluene	14.89	165	168110	46.893 ng	98
58) Fluorene	15.57	166	493666	47.537 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.16	232	142120	49.923 ng	98
60) Diethylphthalate	15.34	149	519733	45.468 ng	99
61) 4-Chlorophenyl-phenylether	15.56	204	256274	45.513 ng	98
62) 4-Nitroaniline	15.59	138	119929	42.413 ng	95
63) Azobenzene	15.86	77	460554	45.972 ng	99
65) 4,6-Dinitro-2-methylphenol	15.66	198	99810	50.354 ng	96
66) n-Nitrosodiphenylamine	15.78	169	463584	46.067 ng	98
67) 4-Bromophenyl-phenylether	16.46	248	171911	43.942 ng	98
68) Hexachlorobenzene	16.58	284	191265	43.638 ng	99
69) Atrazine	16.73	200	182622	52.946 ng	98
70) Pentachlorophenol	16.93	266	195349	87.818 ng	98
71) Phenanthrene	17.31	178	810507	46.612 ng	98
72) Anthracene	17.40	178	838510	48.776 ng	99
73) Carbazole	17.67	167	764754	48.255 ng	98
74) Di-n-butylphthalate	18.23	149	923120	47.135 ng	98
75) Fluoranthene	19.32	202	1000500	49.739 ng	98
77) Benzidine	19.50	184	306501	30.200 ng	97
78) Pyrene	19.68	202	1012682	43.097 ng	98
80) Butylbenzylphthalate	20.57	149	450009	42.025 ng	98
81) Benzo(a)anthracene	21.49	228	1002608	44.461 ng	99
82) 3,3'-Dichlorobenzidine	21.41	252	173207	19.791 ng	96
83) Chrysene	21.55	228	963740	44.215 ng	99
84) Bis(2-ethylhexyl)phthalate	21.41	149	643469	43.658 ng	99
85) Di-n-octyl phthalate	22.57	149	1139301	44.676 ng	99
86) Indeno(1,2,3-cd)pyrene	28.06	276	1262252	44.387 ng	99
88) Benzo(b)fluoranthene	23.62	252	1087004	47.078 ng	98
89) Benzo(k)fluoranthene	23.68	252	1048432	46.589 ng	99
90) Benzo(a)pyrene	24.44	252	1000894	45.848 ng	100
91) Dibenzo(a,h)anthracene	28.12	278	1045035	48.370 ng	98
92) Benzo(g,h,i)perylene	29.16	276	1061171	49.064 ng	98

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

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