Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG021720\
Data File : BG044457.D
Acq On : 17 Feb 2020 21:37
Operator : CG/JU
Sample : L1547-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MARCY-GREEN-BH-01-CMSD

Manual Integrations APPROVED
mohammad
2/18/2020 3:17:05 PM

Quant Time: Feb 18 06:27:01 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	7.89	152	74322	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	300159	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	198230	20.00	ng	-0.01
64) Phenanthrene-d10	17.28	188	434714	20.00	ng	-0.01
76) Chrysene-d12	21.52	240	418288	20.00	ng	-0.02
87) Perylene-d12	24.60	264	455798	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	495040	117.55	ng	0.00
7) Phenol-d6	7.07	99	650626	115.05	ng	-0.01
23) Nitrobenzene-d5	9.05	82	386017	72.61	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	269953	116.00	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	897241	75.79	ng	-0.01
79) Terphenyl-d14	19.89	244	1417220	69.69	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	82079	43.38	ng	99
3) Pyridine	3.75	79	197338	39.15	ng	98
4) n-Nitrosodimethylamine	3.66	42	97076	46.08	ng	97
6) Aniline	7.21	93	176485	25.14	ng	99
8) 2-Chlorophenol	7.46	128	243612	52.64	ng	99
9) Benzaldehyde	7.02	77	99721	30.96	ng	98
10) Phenol	7.09	94	293113	52.37	ng	98
11) bis(2-Chloroethyl)ether	7.31	93	220449	46.07	ng	99
12) 1,3-Dichlorobenzene	7.78	146	255045	46.15	ng	98
13) 1,4-Dichlorobenzene	7.92	146	257014	46.96	ng	99
14) 1,2-Dichlorobenzene	8.25	146	243288	47.03	ng	99
15) Benzyl Alcohol	8.13	79	195227	48.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.42	45	282617	43.64	ng	99
17) 2-Methylphenol	8.34	107	205863	51.55	ng	97
18) Hexachloroethane	8.97	117	92657	45.11	ng	97
19) n-Nitroso-di-n-propylamine	8.70	70	169794	45.05	ng	98
20) 3+4-Methylphenols	8.67	107	282292	51.30	ng	98
22) Acetophenone	8.71	105	322750	44.20	ng	100
24) Nitrobenzene	9.09	77	242653	46.75	ng	98
25) Isophorone	9.61	82	469591	47.39	ng	100
26) 2-Nitrophenol	9.80	139	138309	51.35	ng	99
27) 2,4-Dimethylphenol	9.87	122	228711	60.16	ng	97
28) bis(2-Chloroethoxy)methane	10.10	93	296330	44.83	ng	99
29) 2,4-Dichlorophenol	10.34	162	238460	51.87	ng	99
30) 1,2,4-Trichlorobenzene	10.56	180	245005	46.48	ng	98
31) Naphthalene	10.74	128	708224	48.63	ng	100
32) Benzoic acid	10.04	122	88587	39.10	ng	92
33) 4-Chloroaniline	10.85	127	88298	13.33	ng	98
34) Hexachlorobutadiene	11.04	225	144991	44.70	ng	100
35) Caprolactam	11.62	113	85581m	50.82	ng	
36) 4-Chloro-3-methylphenol	11.99	107	248838	51.63	ng	99
37) 2-Methylnaphthalene	12.35	142	525447	48.60	ng	99
38) 1-Methylnaphthalene	12.57	142	500304	49.08	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.72	216	266863	45.00	ng	99

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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	12.71	237	291440	102.43	ng		99
43) 2,4,6-Trichlorophenol	12.96	196	192939	50.34	ng		98
44) 2,4,5-Trichlorophenol	13.04	196	204873	52.33	ng		98
46) 1,1'-Biphenyl	13.36	154	666205	46.59	ng		97
47) 2-Chloronaphthalene	13.40	162	523967	46.05	ng		100
48) 2-Nitroaniline	13.60	65	150001	44.67	ng		93
49) Acenaphthylene	14.25	152	830173	49.75	ng		99
50) Dimethylphthalate	13.99	163	701656	49.24	ng		99
51) 2,6-Dinitrotoluene	14.10	165	152842	48.11	ng		97
52) Acenaphthene	14.60	154	511899	47.32	ng		98
53) 3-Nitroaniline	14.43	138	66914	19.04	ng		95
54) 2,4-Dinitrophenol	14.64	184	185742	96.88	ng		98
55) Dibenzofuran	14.93	168	792136	48.37	ng		98
56) 4-Nitrophenol	14.76	139	277323	107.71	ng		95
57) 2,4-Dinitrotoluene	14.89	165	213710	47.99	ng		99
58) Fluorene	15.58	166	630247	48.86	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.16	232	178537	50.49	ng		99
60) Diethylphthalate	15.36	149	665882	46.90	ng		99
61) 4-Chlorophenyl-phenylether	15.57	204	331476	47.39	ng		100
62) 4-Nitroaniline	15.60	138	149819	42.66	ng		96
63) Azobenzene	15.87	77	594027	47.74	ng		98
65) 4,6-Dinitro-2-methylphenol	15.66	198	136922	57.06	ng		99
66) n-Nitrosodiphenylamine	15.78	169	588431	48.30	ng		98
67) 4-Bromophenyl-phenylether	16.47	248	222486	46.98	ng		98
68) Hexachlorobenzene	16.59	284	246087	46.38	ng		99
69) Atrazine	16.74	200	229171	54.88	ng		97
70) Pentachlorophenol	16.94	266	267021	98.75	ng		97
71) Phenanthrene	17.32	178	1074350	51.04	ng		99
72) Anthracene	17.41	178	1058045	50.84	ng		99
73) Carbazole	17.68	167	945558	49.28	ng		99
74) Di-n-butylphthalate	18.24	149	1145254	48.30	ng		100
75) Fluoranthene	19.33	202	1284186	52.74	ng		99
77) Benzidine	19.50	184	536580	46.25	ng		98
78) Pyrene	19.69	202	1278932	47.61	ng		99
80) Butylbenzylphthalate	20.58	149	536717	43.84	ng		99
81) Benzo(a)anthracene	21.50	228	1229724	47.70	ng		99
82) 3,3'-Dichlorobenzidine	21.42	252	228310	22.82	ng		99
83) Chrysene	21.57	228	1163550	46.69	ng		100
84) Bis(2-ethylhexyl)phthalate	21.42	149	764422	45.37	ng		98
85) Di-n-octyl phthalate	22.58	149	1344640	46.12	ng		99
86) Indeno(1,2,3-cd)pyrene	28.08	276	1518380	46.71	ng	#	91
88) Benzo(b)fluoranthene	23.63	252	1320184	50.26	ng		100
89) Benzo(k)fluoranthene	23.69	252	1253342	48.96	ng		99
90) Benzo(a)pyrene	24.45	252	1217666	49.03	ng		98
91) Dibenzo(a,h)anthracene	28.13	278	1222100	49.73	ng		98
92) Benzo(g,h,i)perylene	29.17	276	1271113	51.67	ng		98

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

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