Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044426.D
Acq On : 13 Feb 2020 20:38
Operator : CG/JU
Sample : L1510-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
mohammad
2/17/2020 3:45:29 PM

Quant Time: Feb 14 03:18:37 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	72682	20.00	ng		0.00
21) Naphthalene-d8	10.71	136	325041	20.00	ng		0.00
39) Acenaphthene-d10	14.54	164	223799	20.00	ng		0.00
64) Phenanthrene-d10	17.29	188	485660	20.00	ng		0.00
76) Chrysene-d12	21.53	240	451762	20.00	ng		0.00
87) Perylene-d12	24.62	264	480699	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.48	112	394959	95.90	ng		0.00
7) Phenol-d6	7.08	99	543185	98.22	ng		0.00
23) Nitrobenzene-d5	9.06	82	313507	54.45	ng		0.00
42) 2,4,6-Tribromophenol	16.03	330	213782	81.37	ng		0.00
45) 2-Fluorobiphenyl	13.16	172	653987	48.93	ng		0.00
79) Terphenyl-d14	19.90	244	949871	43.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.36	88	76031	41.090	ng		98
3) Pyridine	3.76	79	191979	38.943	ng		97
4) n-Nitrosodimethylamine	3.67	42	99168	48.140	ng		98
6) Aniline	7.23	93	233732	34.049	ng		99
8) 2-Chlorophenol	7.47	128	265857	58.738	ng		99
9) Benzaldehyde	7.03	77	106633	33.855	ng		97
10) Phenol	7.10	94	332356	60.725	ng		99
11) bis(2-Chloroethyl)ether	7.32	93	232758	49.743	ng		96
12) 1,3-Dichlorobenzene	7.79	146	258109	47.762	ng		98
13) 1,4-Dichlorobenzene	7.94	146	259549	48.492	ng		99
14) 1,2-Dichlorobenzene	8.26	146	249199	49.258	ng		100
15) Benzyl Alcohol	8.14	79	219573	56.081	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.43	45	314040	49.587	ng		99
17) 2-Methylphenol	8.36	107	228043	58.398	ng		99
18) Hexachloroethane	8.98	117	96340	47.966	ng		93
19) n-Nitroso-di-n-propylamine	8.71	70	192233	52.157	ng		99
20) 3+4-Methylphenols	8.68	107	316902	58.886	ng		98
22) Acetophenone	8.73	105	355274	44.930	ng	#	99
24) Nitrobenzene	9.10	77	268184	47.714	ng		99
25) Isophorone	9.63	82	535848	49.934	ng		100
26) 2-Nitrophenol	9.81	139	151433	51.923	ng		99
27) 2,4-Dimethylphenol	9.88	122	261824	63.597	ng		98
28) bis(2-Chloroethoxy)methane	10.11	93	341497	47.704	ng		99
29) 2,4-Dichlorophenol	10.36	162	273595	54.960	ng		99
30) 1,2,4-Trichlorobenzene	10.57	180	261613	45.832	ng		100
31) Naphthalene	10.75	128	772657	48.995	ng		99
32) Benzoic acid	10.05	122	103506	41.072	ng		96
33) 4-Chloroaniline	10.86	127	123525	17.223	ng		98
34) Hexachlorobutadiene	11.05	225	153257	43.634	ng		99
35) Caprolactam	11.64	113	103017m	56.492	ng		
36) 4-Chloro-3-methylphenol	12.00	107	293991	56.328	ng		99
37) 2-Methylnaphthalene	12.36	142	588991	50.303	ng		100
38) 1-Methylnaphthalene	12.59	142	563259	51.025	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	293918	43.904	ng		99

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044426.D
Acq On : 13 Feb 2020 20:38
Operator : CG/JU
Sample : L1510-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1MSD

Manual Integrations APPROVED
mohammad
2/17/2020 3:45:29 PM

Quant Time: Feb 14 03:18:37 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	344875	107.362	ng	99
43) 2,4,6-Trichlorophenol	12.98	196	221051	51.084	ng	99
44) 2,4,5-Trichlorophenol	13.06	196	241464	54.632	ng	99
46) 1,1'-Biphenyl	13.37	154	767464	47.542	ng	99
47) 2-Chloronaphthalene	13.41	162	595150	46.331	ng	100
48) 2-Nitroaniline	13.62	65	181257	47.812	ng	97
49) Acenaphthylene	14.27	152	948779	50.357	ng	100
50) Dimethylphthalate	14.00	163	816513	50.755	ng	100
51) 2,6-Dinitrotoluene	14.11	165	179383	50.010	ng	99
52) Acenaphthene	14.61	154	587940	48.143	ng	100
53) 3-Nitroaniline	14.44	138	91854	23.146	ng	97
54) 2,4-Dinitrophenol	14.65	184	183670	85.805	ng	97
55) Dibenzofuran	14.94	168	910028	49.217	ng	99
56) 4-Nitrophenol	14.77	139	313265	107.767	ng	97
57) 2,4-Dinitrotoluene	14.91	165	248446	49.419	ng	97
58) Fluorene	15.59	166	723794	49.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.18	232	210601	52.753	ng	99
60) Diethylphthalate	15.37	149	789145	49.230	ng	99
61) 4-Chlorophenyl-phenylether	15.58	204	386326	48.925	ng	98
62) 4-Nitroaniline	15.61	138	179034	45.149	ng	99
63) Azobenzene	15.88	77	701168	49.909	ng	99
65) 4,6-Dinitro-2-methylphenol	15.67	198	146643	54.700	ng	98
66) n-Nitrosodiphenylamine	15.80	169	688434	50.582	ng	99
67) 4-Bromophenyl-phenylether	16.48	248	257670	48.698	ng	97
68) Hexachlorobenzene	16.60	284	276416	46.630	ng	99
69) Atrazine	16.75	200	258246	55.359	ng	98
70) Pentachlorophenol	16.95	266	289042	95.777	ng	96
71) Phenanthrene	17.33	178	1149897	48.896	ng	99
72) Anthracene	17.42	178	1190117	51.186	ng	99
73) Carbazole	17.69	167	1053522	49.151	ng	99
74) Di-n-butylphthalate	18.26	149	1303564	49.214	ng	100
75) Fluoranthene	19.34	202	1335889	49.104	ng	99
77) Benzidine	19.52	184	445009	35.513	ng	98
78) Pyrene	19.70	202	1338731	46.144	ng	99
80) Butylbenzylphthalate	20.59	149	610376	46.166	ng	99
81) Benzo(a)anthracene	21.52	228	1295870	46.543	ng	100
82) 3,3'-Dichlorobenzidine	21.43	252	315904	29.234	ng	99
83) Chrysene	21.58	228	1238387	46.015	ng	100
84) Bis(2-ethylhexyl)phthalate	21.43	149	854420	46.952	ng	100
85) Di-n-octyl phthalate	22.60	149	1494116	47.453	ng	100
86) Indeno(1,2,3-cd)pyrene	28.12	276	1632893	46.506	ng	100
88) Benzo(b)fluoranthene	23.64	252	1392580	50.274	ng	100
89) Benzo(k)fluoranthene	23.71	252	1337833	49.555	ng	100
90) Benzo(a)pyrene	24.48	252	1283583	49.011	ng	98
91) Dibenzo(a,h)anthracene	28.18	278	1335238	51.516	ng	99
92) Benzo(g,h,i)perylene	29.21	276	1364539	52.590	ng	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021320\
Data File : BG044426.D
Acq On : 13 Feb 2020 20:38
Operator : CG/JU
Sample : L1510-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Feb 14 03:18:37 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

Instrument :
BNA_G
ClientSampleId :
TP-1MSD

Manual Integrations APPROVED
mohammad
2/17/2020 3:45:29 PM