Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038041.D
Acq On : 16 Nov 2018 19:57
Operator : JU/SJ
Sample : PB114874BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Manual Integrations APPROVED
Sohil
11/19/2018 2:13:30 PM

Quant Time: Nov 17 03:06:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	44266	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	193094	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	116696	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	271733	20.00	ng	0.00
76) Chrysene-d12	21.76	240	254527	20.00	ng	0.00
87) Perylene-d12	25.08	264	243789	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	386947	150.93	ng	0.00
7) Phenol-d6	7.24	99	511286	139.71	ng	0.00
23) Nitrobenzene-d5	9.26	82	248000	68.75	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	172909	129.92	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	546311	68.20	ng	0.00
79) Terphenyl-d14	20.07	244	885549	81.87	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	41638	34.383	ng	96
3) Pyridine	3.92	79	110787	32.071	ng	97
4) n-Nitrosodimethylamine	3.84	42	60077	47.937	ng	99
6) Aniline	7.41	93	169549	35.896	ng	97
8) 2-Chlorophenol	7.64	128	140738	47.309	ng	98
9) Benzaldehyde	7.23	77	78939	29.826	ng	94
10) Phenol	7.26	94	183042	47.219	ng	99
11) bis(2-Chloroethyl)ether	7.50	93	135283	42.748	ng	99
12) 1,3-Dichlorobenzene	7.97	146	140993	41.140	ng	98
13) 1,4-Dichlorobenzene	8.12	146	143087	41.331	ng	100
14) 1,2-Dichlorobenzene	8.44	146	137183	41.505	ng	99
15) Benzyl Alcohol	8.33	79	120233	45.403	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.61	45	256365	43.626	ng	97
17) 2-Methylphenol	8.52	107	123364	47.071	ng	98
18) Hexachloroethane	9.17	117	52788	41.897	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	109404	41.314	ng	96
20) 3+4-Methylphenols	8.85	107	169315	45.573	ng	97
22) Acetophenone	8.91	105	202493	42.148	ng	99
24) Nitrobenzene	9.31	77	161265	43.703	ng	94
25) Isophorone	9.82	82	298083	45.911	ng	98
26) 2-Nitrophenol	10.02	139	77480	42.060	ng	98
27) 2,4-Dimethylphenol	10.06	122	140328	50.559	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	182936	44.063	ng	99
29) 2,4-Dichlorophenol	10.55	162	140296	44.939	ng	98
30) 1,2,4-Trichlorobenzene	10.76	180	144653	41.348	ng	100
31) Naphthalene	10.96	128	429757	45.250	ng	99
32) Benzoic acid	10.19	122	76710m	44.227	ng	
33) 4-Chloroaniline	11.07	127	113807	25.761	ng	98
34) Hexachlorobutadiene	11.22	225	86321	40.091	ng	97
35) Caprolactam	11.86	113	50071m	40.069	ng	
36) 4-Chloro-3-methylphenol	12.17	107	148021	43.398	ng	99
37) 2-Methylnaphthalene	12.56	142	312776	45.848	ng	99
38) 1-Methylnaphthalene	12.77	142	297928	45.370	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	159581	40.924	ng	98

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038041.D
Acq On : 16 Nov 2018 19:57
Operator : JU/SJ
Sample : PB114874BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Manual Integrations APPROVED
Sohil
11/19/2018 2:13:30 PM

Quant Time: Nov 17 03:06:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	186393	89.266	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	113673	42.779	ng		98
44) 2,4,5-Trichlorophenol	13.23	196	121709	43.531	ng		97
46) 1,1'-Biphenyl	13.55	154	394271	40.216	ng		99
47) 2-Chloronaphthalene	13.60	162	311130	41.589	ng		100
48) 2-Nitroaniline	13.81	65	105044	44.614	ng		97
49) Acenaphthylene	14.45	152	515362	45.810	ng		98
50) Dimethylphthalate	14.17	163	400035	43.241	ng		99
51) 2,6-Dinitrotoluene	14.30	165	91203	43.558	ng		98
52) Acenaphthene	14.79	154	295933	43.695	ng		99
53) 3-Nitroaniline	14.64	138	77877	33.706	ng	#	93
54) 2,4-Dinitrophenol	14.84	184	98937	86.675	ng		95
55) Dibenzofuran	15.12	168	482310	43.067	ng		98
56) 4-Nitrophenol	14.93	139	164061	92.068	ng		97
57) 2,4-Dinitrotoluene	15.09	165	128183	44.995	ng		99
58) Fluorene	15.77	166	387257	46.346	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	109261	46.702	ng		96
60) Diethylphthalate	15.52	149	410925	41.819	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	199728	40.850	ng		99
62) 4-Nitroaniline	15.80	138	106022	46.192	ng		93
63) Azobenzene	16.05	77	387020	44.050	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	72044	41.917	ng		95
66) n-Nitrosodiphenylamine	15.98	169	347212	42.236	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	122853	41.191	ng		96
68) Hexachlorobenzene	16.76	284	125744	40.845	ng		99
69) Atrazine	16.92	200	131419	43.367	ng		98
70) Pentachlorophenol	17.11	266	161228	77.112	ng		97
71) Phenanthrene	17.51	178	651769	46.848	ng		100
72) Anthracene	17.60	178	657128	47.917	ng		98
73) Carbazole	17.88	167	609933	44.329	ng		99
74) Di-n-butylphthalate	18.41	149	723997	46.875	ng		99
75) Fluoranthene	19.52	202	774111	48.769	ng		99
77) Benzidine	19.70	184	386167	43.238	ng		98
78) Pyrene	19.88	202	769127	46.218	ng		99
80) Butylbenzylphthalate	20.75	149	341496	46.925	ng		99
81) Benzo(a)anthracene	21.73	228	739118	48.053	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	179854	30.018	ng		98
83) Chrysene	21.80	228	689819	46.874	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	479805	46.231	ng		99
85) Di-n-octyl phthalate	22.84	149	820882	48.891	ng		99
86) Indeno(1,2,3-cd)pyrene	28.90	276	822555	50.325	ng	#	96
88) Benzo(b)fluoranthene	24.01	252	726103	54.123	ng		99
89) Benzo(k)fluoranthene	24.08	252	702788	53.088	ng		98
90) Benzo(a)pyrene	24.92	252	708457	55.257	ng		98
91) Dibenzo(a,h)anthracene	28.96	278	675557	54.762	ng		96
92) Benzo(g,h,i)perylene	30.10	276	682569	55.647	ng		99

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111618\
Data File : BG038041.D
Acq On : 16 Nov 2018 19:57
Operator : JU/SJ
Sample : PB114874BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Nov 17 03:06:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB114874BS

Manual Integrations APPROVED
Sohil
11/19/2018 2:13:30 PM