Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041802.D
Acq On : 30 Jul 2019 15:20
Operator : HP/JU
Sample : PB121801BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:55 PM

Quant Time: Jul 31 06:45:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	92017	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	376046	20.00	ng		0.00
39) Acenaphthene-d10	14.71	164	281398	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	657994	20.00	ng		0.00
76) Chrysene-d12	21.74	240	653261	20.00	ng		0.00
87) Perylene-d12	25.01	264	735550	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	601258	127.13	ng		0.00
7) Phenol-d6	7.20	99	834738	130.92	ng		0.00
23) Nitrobenzene-d5	9.21	82	485520	88.85	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	454849	142.31	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	1334499	83.64	ng		0.00
79) Terphenyl-d14	20.07	244	2257405	79.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	90170	40.507	ng		92
3) Pyridine	3.87	79	161839	26.512	ng		91
4) n-Nitrosodimethylamine	3.78	42	85345	35.269	ng		93
6) Aniline	7.36	93	269649	30.034	ng		94
8) 2-Chlorophenol	7.61	128	232746	42.977	ng		93
9) Benzaldehyde	7.17	77	38433	8.566	ng		95
10) Phenol	7.22	94	285952	43.109	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	200726	36.809	ng		93
12) 1,3-Dichlorobenzene	7.94	146	246338	34.851	ng		97
13) 1,4-Dichlorobenzene	8.08	146	254198	35.942	ng		96
14) 1,2-Dichlorobenzene	8.40	146	242433	35.923	ng		95
15) Benzyl Alcohol	8.28	79	203875	40.643	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	346157	35.679	ng		95
17) 2-Methylphenol	8.48	107	202554	41.988	ng		99
18) Hexachloroethane	9.14	117	86865	35.865	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	175668	37.949	ng		89
20) 3+4-Methylphenols	8.81	107	278435	42.177	ng		98
22) Acetophenone	8.87	105	340770	40.514	ng	#	92
24) Nitrobenzene	9.25	77	244647	42.497	ng		99
25) Isophorone	9.78	82	478548	40.257	ng		99
26) 2-Nitrophenol	9.97	139	131108	49.071	ng		97
27) 2,4-Dimethylphenol	10.03	122	229466	48.661	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	286243	38.534	ng		99
29) 2,4-Dichlorophenol	10.51	162	265743	46.276	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	284618	39.084	ng		98
31) Naphthalene	10.92	128	701088	40.736	ng		98
32) Benzoic acid	10.16	122	139824	42.687	ng		94
33) 4-Chloroaniline	11.02	127	208883	25.593	ng		96
34) Hexachlorobutadiene	11.22	225	183422	37.320	ng		99
35) Caprolactam	11.79	113	95021m	47.613	ng		
36) 4-Chloro-3-methylphenol	12.14	107	266176	46.753	ng		95
37) 2-Methylnaphthalene	12.53	142	566009	41.549	ng		99
38) 1-Methylnaphthalene	12.75	142	547005	42.371	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	356500	40.023	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041802.D
Acq On : 30 Jul 2019 15:20
Operator : HP/JU
Sample : PB121801BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:55 PM

Quant Time: Jul 31 06:45:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	425084	84.881	ng		98
43) 2,4,6-Trichlorophenol	13.13	196	243674	43.282	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	268097	45.825	ng		98
46) 1,1'-Biphenyl	13.54	154	737665	40.780	ng		97
47) 2-Chloronaphthalene	13.58	162	601582	39.061	ng		97
48) 2-Nitroaniline	13.77	65	178210	45.625	ng		89
49) Acenaphthylene	14.42	152	964325	41.859	ng		97
50) Dimethylphthalate	14.15	163	812322	42.268	ng		99
51) 2,6-Dinitrotoluene	14.26	165	195603	48.675	ng		89
52) Acenaphthene	14.77	154	686789	45.837	ng		99
53) 3-Nitroaniline	14.59	138	145001	33.728	ng	#	93
54) 2,4-Dinitrophenol	14.80	184	235081	91.504	ng		89
55) Dibenzofuran	15.10	168	962680	42.006	ng		95
56) 4-Nitrophenol	14.90	139	329610	101.003	ng		95
57) 2,4-Dinitrotoluene	15.05	165	278560	50.405	ng		95
58) Fluorene	15.75	166	780152	42.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.33	232	282306	48.720	ng		93
60) Diethylphthalate	15.52	149	815225	43.207	ng		99
61) 4-Chlorophenyl-phenylether	15.75	204	464910	41.407	ng		94
62) 4-Nitroaniline	15.76	138	202921	43.577	ng		98
63) Azobenzene	16.04	77	646665	41.956	ng		95
65) 4,6-Dinitro-2-methylphenol	15.82	198	156487	48.507	ng		88
66) n-Nitrosodiphenylamine	15.96	169	750675	41.883	ng		98
67) 4-Bromophenyl-phenylether	16.64	248	325067	40.106	ng		98
68) Hexachlorobenzene	16.76	284	334186	39.411	ng		92
69) Atrazine	16.91	200	307037	43.600	ng		98
70) Pentachlorophenol	17.10	266	449094	93.230	ng		98
71) Phenanthrene	17.50	178	1323767	41.972	ng		96
72) Anthracene	17.59	178	1353063	43.015	ng		96
73) Carbazole	17.85	167	1226180	43.431	ng		96
74) Di-n-butylphthalate	18.42	149	1405741	43.920	ng		96
75) Fluoranthene	19.51	202	1680827	43.844	ng		94
77) Benzidine	19.68	184	695256	32.607	ng		98
78) Pyrene	19.87	202	1678166	43.358	ng		95
80) Butylbenzylphthalate	20.76	149	673035	45.354	ng		90
81) Benzo(a)anthracene	21.72	228	1605266	41.534	ng		97
82) 3,3'-Dichlorobenzidine	21.63	252	551017	35.509	ng		96
83) Chrysene	21.79	228	1590997	42.944	ng		96
84) Bis(2-ethylhexyl)phthalate	21.64	149	908000	44.358	ng		100
85) Di-n-octyl phthalate	22.87	149	1572102	45.635	ng	#	92
86) Indeno(1,2,3-cd)pyrene	28.76	276	2110874	43.040	ng	#	90
88) Benzo(b)fluoranthene	23.98	252	1781927	44.285	ng		97
89) Benzo(k)fluoranthene	24.05	252	1779830	45.409	ng	#	97
90) Benzo(a)pyrene	24.86	252	1787553	46.320	ng	#	97
91) Dibenzo(a,h)anthracene	28.83	278	1723003	45.470	ng	#	96
92) Benzo(g,h,i)perylene	29.93	276	1742218	46.020	ng		95

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG073019\
Data File : BG041802.D
Acq On : 30 Jul 2019 15:20
Operator : HP/JU
Sample : PB121801BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jul 31 06:45:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 30 07:53:52 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB121801BSD

Manual Integrations APPROVED
mohammad
8/1/2019 5:04:55 PM