Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035816.D
Acq On : 21 Jul 2018 12:19
Operator : JU/SJ
Sample : PB111321BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:19 PM

Quant Time: Jul 23 02:00:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	41693	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	151245	20.00	ng		0.00
38) Acenaphthene-d10	14.65	164	109982	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	293960	20.00	ng		0.00
75) Chrysene-d12	21.66	240	309704	20.00	ng		0.00
86) Perylene-d12	24.86	264	302871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	348288	138.69	ng		0.00
7) Phenol-d6	7.20	99	504323	134.60	ng		0.00
23) Nitrobenzene-d5	9.19	82	325552	89.92	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	217733	150.20	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	750133	91.38	ng		0.00
78) Terphenyl-d14	20.00	244	1324447	94.27	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43779	34.252	ng	#	71
3) Pyridine	3.91	79	114627	34.353	ng	#	74
4) n-Nitrosodimethylamine	3.83	42	48377	33.766	ng	#	83
6) Aniline	7.36	93	104192	21.455	ng		96
8) 2-Chlorophenol	7.59	128	113474	44.428	ng		97
9) Benzaldehyde	7.17	77	60630	26.373	ng		98
10) Phenol	7.23	94	172200	45.491	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	112646	37.998	ng		91
12) 1,3-Dichlorobenzene	7.92	146	126167	40.906	ng		95
13) 1,4-Dichlorobenzene	8.06	146	129262	41.248	ng		97
14) 1,2-Dichlorobenzene	8.38	146	124072	41.213	ng		98
15) Benzyl Alcohol	8.26	79	129782	38.144	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	130588	52.543	ng		81
17) 2-Methylphenol	8.48	107	118712	46.126	ng		94
18) Hexachloroethane	9.10	117	47649	39.767	ng		96
19) n-Nitroso-di-n-propylamine	8.83	70	109631	34.747	ng	#	85
20) 3+4-Methylphenols	8.80	107	153464	42.982	ng		95
22) Acetophenone	8.85	105	198150	42.130	ng	#	89
24) Nitrobenzene	9.23	77	159629	43.841	ng		91
25) Isophorone	9.75	82	302378	44.991	ng		99
26) 2-Nitrophenol	9.94	139	67077	51.871	ng	#	88
27) 2,4-Dimethylphenol	10.00	122	121863	55.672	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	162598	43.905	ng		97
29) 2,4-Dichlorophenol	10.48	162	131952	52.808	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	144879	47.285	ng		97
31) Naphthalene	10.88	128	353695	44.894	ng		99
32) Benzoic acid	10.17	122	52930	35.920	ng	#	83
33) 4-Chloroaniline	11.00	127	35194	10.249	ng	#	95
34) Hexachlorobutadiene	11.16	225	107926	45.172	ng		94
35) Caprolactam	11.77	113	45842m	42.752	ng		
36) 4-Chloro-3-methylphenol	12.11	107	164441	49.098	ng		96
37) 2-Methylnaphthalene	12.48	142	275905	47.006	ng		93
39) 1,2,4,5-Tetrachlorobenzene	12.85	216	190460	45.882	ng		99
40) Hexachlorocyclopentadiene	12.83	237	248225	114.021	ng		90

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035816.D
Acq On : 21 Jul 2018 12:19
Operator : JU/SJ
Sample : PB111321BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:19 PM

Quant Time: Jul 23 02:00:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	127361	52.464	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	135900	50.042	ng		98
45) 1,1'-Biphenyl	13.49	154	386656	45.346	ng		98
46) 2-Chloronaphthalene	13.53	162	305971	46.132	ng		99
47) 2-Nitroaniline	13.73	65	101773	43.403	ng		97
48) Acenaphthylene	14.37	152	508850	45.800	ng		97
49) Dimethylphthalate	14.11	163	417692	43.347	ng		98
50) 2,6-Dinitrotoluene	14.23	165	97152	49.510	ng		94
51) Acenaphthene	14.71	154	296013	42.770	ng		96
52) 3-Nitroaniline	14.56	138	38060	18.977	ng	#	94
53) 2,4-Dinitrophenol	14.77	184	79061	78.486	ng	#	65
54) Dibenzofuran	15.05	168	495679	45.033	ng		93
55) 4-Nitrophenol	14.88	139	131303	91.930	ng		91
56) 2,4-Dinitrotoluene	15.01	165	139815	49.666	ng		91
57) Fluorene	15.70	166	412509	44.714	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	131968	50.682	ng		92
59) Diethylphthalate	15.47	149	414078	41.791	ng		97
60) 4-Chlorophenyl-phenylether	15.69	204	237322	43.768	ng		95
61) 4-Nitroaniline	15.72	138	87610	41.761	ng		90
62) Azobenzene	15.98	77	430426	44.040	ng		95
64) 4,6-Dinitro-2-methylphenol	15.78	198	65732	40.169	ng		85
65) n-Nitrosodiphenylamine	15.91	169	368647	44.059	ng		99
66) 4-Bromophenyl-phenylether	16.58	248	158799	46.563	ng		97
67) Hexachlorobenzene	16.71	284	162749	46.339	ng		95
68) Atrazine	16.85	200	167559	48.638	ng		98
69) Pentachlorophenol	17.05	266	143145	66.915	ng		100
70) Phenanthrene	17.44	178	665256	45.354	ng		98
71) Anthracene	17.53	178	682553	46.733	ng		98
72) Carbazole	17.80	167	619721	44.679	ng		99
73) Di-n-butylphthalate	18.35	149	702240	42.843	ng	#	98
74) Fluoranthene	19.44	202	879216	44.500	ng		97
76) Benzidine	19.63	184	174183	21.393	ng		97
77) Pyrene	19.81	202	876422	44.754	ng		98
79) Butylbenzylphthalate	20.69	149	328535	46.914	ng		96
80) Benzo(a)anthracene	21.64	228	884103	45.809	ng		98
81) 3,3'-Dichlorobenzidine	21.56	252	181764	27.010	ng		97
82) Chrysene	21.70	228	821887	45.955	ng		97
83) Bis(2-ethylhexyl)phthalate	21.54	149	447150	46.967	ng		99
84) Di-n-octyl phthalate	22.74	149	775034	48.619	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.51	276	950558	48.006	ng	#	90
87) Benzo(b)fluoranthene	23.84	252	853139	46.345	ng	#	97
88) Benzo(k)fluoranthene	23.91	252	799881	44.446	ng	#	97
89) Benzo(a)pyrene	24.71	252	822745	48.041	ng	#	96
90) Dibenzo(a,h)anthracene	28.57	278	788512	46.899	ng	#	96
91) Benzo(g,h,i)perylene	29.65	276	780153	47.419	ng	#	94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072018\
Data File : BG035816.D
Acq On : 21 Jul 2018 12:19
Operator : JU/SJ
Sample : PB111321BS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Quant Time: Jul 23 02:00:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 15:28:54 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB111321BS

Manual Integrations APPROVED
Sohil
7/23/2018 2:19:19 PM