Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036511.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4270-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:28 PM

Quant Time: Sep 01 01:19:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	59280	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	234664	20.00	ng		0.00
38) Acenaphthene-d10	14.68	164	157596	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	414878	20.00	ng		0.00
75) Chrysene-d12	21.70	240	429711	20.00	ng		0.00
86) Perylene-d12	24.91	264	449408	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	415545	111.20	ng		0.00
7) Phenol-d6	7.21	99	547041	102.24	ng		0.00
23) Nitrobenzene-d5	9.22	82	365974	84.62	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	263166	139.95	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	837107	75.84	ng		0.00
78) Terphenyl-d14	20.03	244	1528144	83.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	61147	35.061	ng	#	93
3) Pyridine	3.94	79	155805	31.827	ng		98
4) n-Nitrosodimethylamine	3.85	42	84896	38.936	ng		84
6) Aniline	7.38	93	97149	14.305	ng		96
8) 2-Chlorophenol	7.63	128	174869	43.150	ng		95
9) Benzaldehyde	7.20	77	78324	21.258	ng		95
10) Phenol	7.24	94	223526	39.921	ng		100
11) bis(2-Chloroethyl)ether	7.48	93	172579	38.878	ng		98
12) 1,3-Dichlorobenzene	7.95	146	182439	39.425	ng		97
13) 1,4-Dichlorobenzene	8.10	146	186845	39.993	ng		97
14) 1,2-Dichlorobenzene	8.41	146	179061	40.132	ng		94
15) Benzyl Alcohol	8.30	79	171068	39.661	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.58	45	312240	34.879	ng		99
17) 2-Methylphenol	8.50	107	160517	43.174	ng		95
18) Hexachloroethane	9.15	117	66956	39.972	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	150845	37.723	ng		90
20) 3+4-Methylphenols	8.82	107	221148	42.605	ng		97
22) Acetophenone	8.88	105	276577	44.883	ng	#	97
24) Nitrobenzene	9.27	77	214009	45.887	ng		96
25) Isophorone	9.79	82	416193	48.440	ng		97
26) 2-Nitrophenol	9.98	139	92144	49.858	ng		96
27) 2,4-Dimethylphenol	10.03	122	182194	53.248	ng		99
28) bis(2-Chloroethoxy)methane	10.27	93	239753	45.467	ng		96
29) 2,4-Dichlorophenol	10.51	162	193184	51.517	ng		96
30) 1,2,4-Trichlorobenzene	10.73	180	196721	44.844	ng		99
31) Naphthalene	10.92	128	563091	48.002	ng		100
32) Benzoic acid	10.16	122	111512	44.336	ng		95
33) 4-Chloroaniline	11.02	127	15006	2.792	ng	#	89
34) Hexachlorobutadiene	11.20	225	131056	44.465	ng		98
35) Caprolactam	11.79	113	66126m	44.266	ng		
36) 4-Chloro-3-methylphenol	12.13	107	214304	49.184	ng		98
37) 2-Methylnaphthalene	12.52	142	433505	50.505	ng		99
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	250034	44.832	ng		99
40) Hexachlorocyclopentadiene	12.86	237	298609	102.905	ng		96

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036511.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4270-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BU-02-083018MSD

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:28 PM

Quant Time: Sep 01 01:19:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	166592	49.036 ng	99
43) 2,4,5-Trichlorophenol	13.19	196	183306	50.587 ng	97
45) 1,1'-Biphenyl	13.52	154	562778	43.020 ng	99
46) 2-Chloronaphthalene	13.57	162	435217	43.579 ng	99
47) 2-Nitroaniline	13.76	65	151953	48.454 ng	93
48) Acenaphthylene	14.41	152	748787	47.975 ng	99
49) Dimethylphthalate	14.14	163	603563	46.902 ng	100
50) 2,6-Dinitrotoluene	14.25	165	132546	50.055 ng	95
51) Acenaphthene	14.75	154	442910	44.309 ng	99
52) 3-Nitroaniline	14.58	138	31944	11.194 ng	93
53) 2,4-Dinitrophenol	14.79	184	122516	122.149 ng	93
54) Dibenzofuran	15.08	168	703326	44.912 ng	98
55) 4-Nitrophenol	14.89	139	211682	90.727 ng	98
56) 2,4-Dinitrotoluene	15.04	165	187408	54.303 ng	91
57) Fluorene	15.73	166	574128	49.041 ng	97
58) 2,3,4,6-Tetrachlorophenol	15.31	232	185672	54.537 ng	95
59) Diethylphthalate	15.50	149	594785	45.863 ng	100
60) 4-Chlorophenyl-phenylether	15.72	204	322293	44.583 ng	99
61) 4-Nitroaniline	15.75	138	135789	45.474 ng	95
62) Azobenzene	16.02	77	563318	42.690 ng	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	93387	51.242 ng	94
65) n-Nitrosodiphenylamine	15.94	169	527834	42.818 ng	97
66) 4-Bromophenyl-phenylether	16.62	248	216097	44.488 ng	99
67) Hexachlorobenzene	16.73	284	218820	44.056 ng	97
68) Atrazine	16.88	200	185147	40.014 ng	98
69) Pentachlorophenol	17.07	266	282382	83.653 ng	97
70) Phenanthrene	17.47	178	994290	47.165 ng	98
71) Anthracene	17.56	178	998947	47.537 ng	98
72) Carbazole	17.83	167	922533	43.958 ng	99
73) Di-n-butylphthalate	18.39	149	1033806	44.236 ng	99
74) Fluoranthene	19.48	202	1236466	48.107 ng	99
76) Benzidine	19.66	184	56147	4.095 ng	97
77) Pyrene	19.83	202	1226845	46.428 ng	98
79) Butylbenzylphthalate	20.72	149	488682	46.469 ng	94
80) Benzo(a)anthracene	21.67	228	1245670	47.850 ng	98
81) 3,3'-Dichlorobenzidine	21.59	252	150875	14.542 ng	98
82) Chrysene	21.74	228	1151372	46.661 ng	98
83) Bis(2-ethylhexyl)phthalate	21.59	149	674001	45.801 ng	100
84) Di-n-octyl phthalate	22.80	149	1135158	46.182 ng	96
85) Indeno(1,2,3-cd)pyrene	28.56	276	1295947	45.218 ng	99
87) Benzo(b)fluoranthene	23.89	252	1271704	50.959 ng	96
88) Benzo(k)fluoranthene	23.96	252	1170028	47.990 ng	98
89) Benzo(a)pyrene	24.76	252	1197541	49.938 ng	99
90) Dibenzo(a,h)anthracene	28.62	278	1035523	44.729 ng	97
91) Benzo(g,h,i)perylene	29.70	276	1022173	43.937 ng	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083118\
Data File : BG036511.D
Acq On : 31 Aug 2018 18:29
Operator : JU/SJ
Sample : J4270-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Sep 01 01:19:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
BU-02-083018MSD

Manual Integrations APPROVED
Sohil
9/4/2018 4:39:28 PM